

Converting Colors

XYZ(74.2036, 78.7274, 91.5602)

Have a look what the booklet for
XYZ(74.2036, 78.7274, 91.5602)
contains.

XYZ(74.2934, 78.9542, 91.4448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2934, 78.9542,
91.4448)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE7ED
RGB	223, 231, 237
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0941, 0.0706
CMYK	0.06, 0.03, 0.00, 0.07
HSL	206°, 28%, 90%
HSV	206°, 6%, 93%
XYZ	74.2934, 78.9542, 91.4448
YIQ	229.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

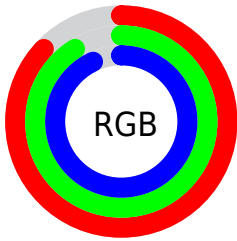
Format	Color
R _Y B	223, 228, 237
Decimal	14673901
CIE Lab	91.21, -1.55, -3.85
CIE LCh	91, 4.144, 248.108
Yxy	78.9542, 0.3036, 0.3227
Android (android.graphics.Color)	4292863981 (0xFFDFE7ED)
YUV	229.2920, 3.8000, -5.5181
Hunter-Lab	88.8562, -6.2529, 1.1820

Details

The XYZ color **74.2934, 78.9542, 91.4448** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.2639, 79.3703, 81.1138**, and the grayscale version is **74.6695, 78.5581, 85.5497**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8189, 42.3210, 49.7861** is the 20% darker color. If you saturate the color by 10%, you get **64.7375, 69.9338, 90.2085**, and if you desaturate by 10%, it is **85.0407, 88.8378, 92.7873**.

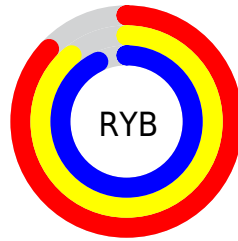
Distribution



Red (87%)

Green (91%)

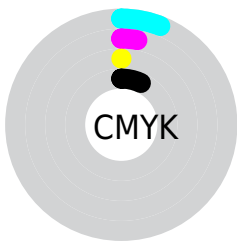
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

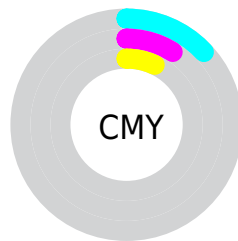


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2934, 78.9542, 91.4448 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 74.2934, 78.9542, 91.4448 by changing the saturation by 10% instead.

■ 74.2934, 78.9542,
91.4448

■ 74.2934, 78.9542,
91.4448

464.5201,
491.4014, 553.4105

■ 55.3263, 58.8582,
68.5991

124.3049,
131.8944, 151.2967

■ 39.8979, 42.4989,
49.9156

156.0801,
165.5073, 189.1400

■ 27.6428, 29.4922,
34.9756

192.8553,
204.3946, 232.8195

■ 18.1957, 19.4535,
23.3607

234.9960,
248.9408, 282.7539

■ 11.1911, 11.9984,
14.6523

282.8674,
299.5302, 339.3617

■ 6.2638, 6.7426,
8.4318

336.8350,

■ 3.0483, 3.3016,

356.5471, 403.0613

4.2808

397.2641,
420.3761, 474.2714

■ 1.1794, 1.2912,
1.7806

■ 0.0900, 0.1343,
0.4151

■ 74.2934, 78.9542,
91.4448

■ 74.2934, 78.9542,
91.4448

■ 64.7375, 69.9338,
90.2085

■ 85.0407, 88.8378,
92.7873

■ 56.3213, 61.7392,
89.0704

■ 91.1197, 96.5613,
93.9577

■ 48.9990, 54.3449,
88.0291

■ 92.2863, 98.8945,
94.3466

■ 42.7189, 47.7199,
87.0813

■ 37.4251, 41.8308,
86.2236

■ 33.0556, 36.6412,
85.4522

■ 29.5409, 32.1104,
84.7630

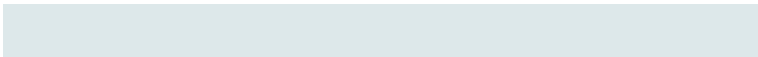
■ 26.8001, 28.1919,
84.1511

■ 24.7339, 24.8294,
83.6109

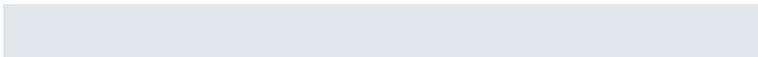
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4663, 78.9542, 89.5854



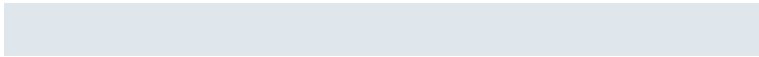
74.2934, 78.9542, 91.4448



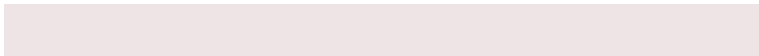
75.3287, 78.9542, 91.8195

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2934, 78.9542, 91.4448



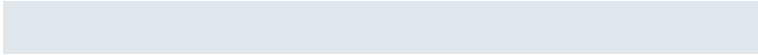
77.0600, 78.9542, 85.1548



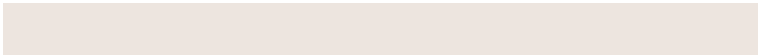
73.8046, 78.9542, 81.4982

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



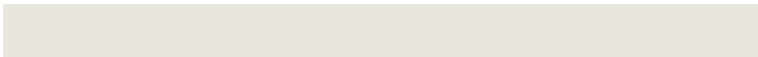
74.2934, 78.9542, 91.4448



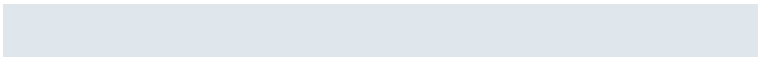
76.2639, 79.3703, 81.1138

Split Complementary

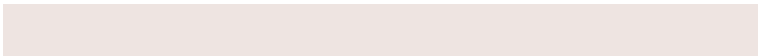
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7592, 78.9542, 80.3699



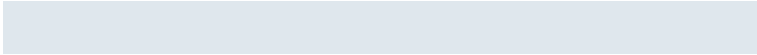
74.2934, 78.9542, 91.4448



76.6433, 78.9542, 82.4487

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2934, 78.9542, 91.4448



76.9324, 78.9542, 88.1415



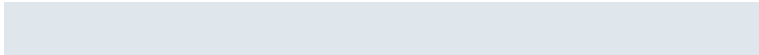
75.7988, 78.9542, 80.7138



73.1859, 78.9542, 83.8300

Rectangle

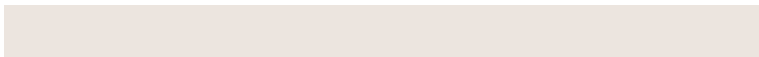
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2934, 78.9542, 91.4448



75.9987, 78.9542, 91.1690



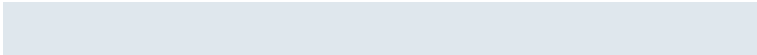
75.7988, 78.9542, 80.7138



74.0965, 78.9542, 80.9681

Sweetspot

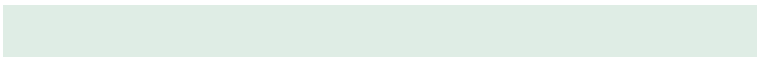
The Sweet Spot groups the original color and five complimentary colors.



74.2957, 78.9575, 91.4465



92.5056, 97.6597, 108.5824



74.8365, 81.9055, 85.8731



19.8267, 20.9278, 23.2444



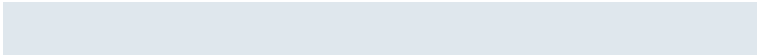
0.0000, 0.0000, 0.0000



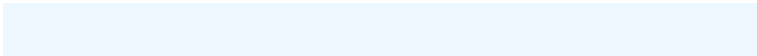
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2957, 78.9575, 91.4465



86.3944, 91.9889, 107.8099



72.4193, 75.2047, 90.8211



15.3392, 16.3473, 19.2691



13.2460, 13.1390, 45.5809



1.1353, 1.2220, 3.6109

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.7383, 76.5510, 86.3892



88.4109, 88.6526, 100.7347



78.1931, 83.2285, 81.7568



15.7267, 15.7087, 17.9090



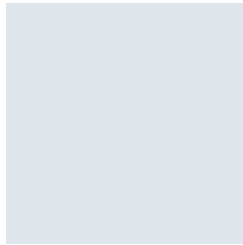
21.5413, 10.8192, 13.9176



1.7395, 0.8688, 1.3458

Previews

White Background



This preview shows how the XYZ color 74.2934, 78.9542, 91.4448 looks on a white background.

Color Contrast Check

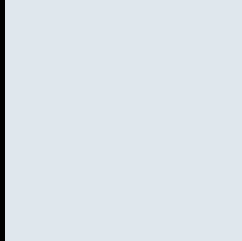
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 74.2934, 78.9542, 91.4448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

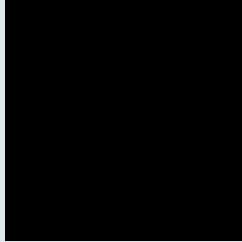
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

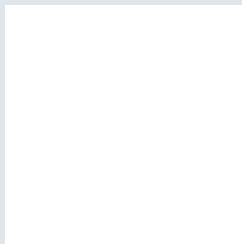
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2934, 78.9542, 91.4448

Background



This preview shows how black text looks on a background with the XYZ color 74.2934, 78.9542, 91.4448.



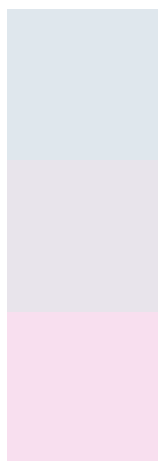
This preview shows how white text looks on a background with the XYZ color 74.2934, 78.9542,

91.4448.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.2934, 78.9542, 91.4448

Protanopia

76.0175, 78.6408, 89.7699

Deuteranopia

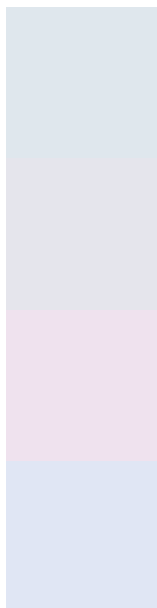
80.6791, 78.9638, 92.6506



Tritanopia

76.0139, 78.8235, 100.0150

Trichromacy



Original Color

74.2934, 78.9542, 91.4448

Protanomaly

75.4727, 78.7528, 90.5798

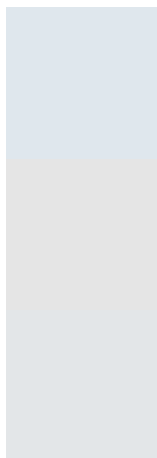
Deuteranomaly

78.2256, 78.9165, 91.9984

Tritanomaly

75.3664, 78.9726, 96.8589

Monochromacy



Original Color

74.2934, 78.9542, 91.4448

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.5409, 78.7507, 87.6156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2934, 78.9542, 91.4448 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(223, 231, 237)` looks like.

```
.text, #text, p{  
    color:rgb(223, 231, 237)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(223, 231, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 231, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.2934, 78.9542, 91.4448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 231, 237) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(223, 231, 237) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(223, 231, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 231, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 231, 237);  
box-shadow:4px 4px 4px 4px rgb(223, 231,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2934, 78.9542, 91.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 231, 237) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(223,  
231, 237) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor