

Converting Colors

XYZ(74.4826, 79.7089, 91.3050)

Have a look what the booklet for
XYZ(74.4826, 79.7089, 91.3050)
contains.

XYZ(74.5492, 79.9218, 91.6181)	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(74.5492, 79.9218,
91.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE9ED
RGB	222, 233, 237
RGB Percent	87%, 91%, 93%
CMY	0.1294, 0.0863, 0.0706
CMYK	0.06, 0.02, 0.00, 0.07
HSL	196°, 29%, 90%
HSV	196°, 6%, 93%
XYZ	74.5492, 79.9218, 91.6181
YIQ	230.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

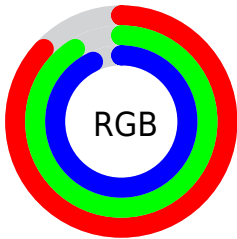
Format	Color
R _Y B	222, 228, 237
Decimal	14608877
CIE Lab	91.65, -2.90, -3.21
CIE LCh	92, 4.326, 227.951
Yxy	79.9218, 0.3029, 0.3248
Android (android.graphics.Color)	4292798957 (0xFFDEE9ED)
YUV	230.1670, 3.3687, -7.1625
Hunter-Lab	89.3990, -7.5983, 1.8176

Details

The XYZ color **74.5492, 79.9218, 91.6181** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3066, 77.6707, 80.1315**, and the grayscale version is **75.3193, 79.2418, 86.2943**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9990, 42.9960, 49.9069** is the 20% darker color. If you saturate the color by 10%, you get **66.0392, 72.9304, 90.7184**, and if you desaturate by 10%, it is **84.1482, 87.5740, 92.5904**.

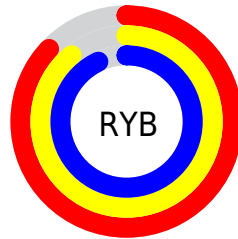
Distribution



Red (87%)

Green (91%)

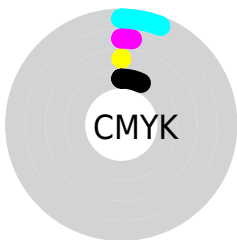
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

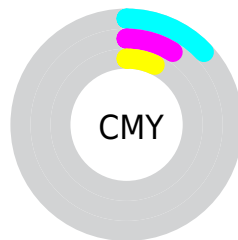


Cyan (6%)

Magenta (2%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (9%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5492, 79.9218, 91.6181 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 74.5492, 79.9218, 91.6181 by changing the saturation by 10% instead.

■ 74.5492, 79.9218,
91.6181

■ 74.5492, 79.9218,
91.6181

465.3878,
494.6693, 553.9859

■ 55.5365, 59.6540,
68.7422

124.6654,
133.2558, 151.5391

■ 40.0670, 43.1398,
50.0313

156.4996,
167.0908, 189.4212

■ 27.7752, 29.9948,
35.0669

193.3383,
206.2169, 233.1426

■ 18.2959, 19.8347,
23.4305

235.5470,
251.0187, 283.1217

■ 11.2636, 12.2749,
14.7034

283.4909,
301.8804, 339.7770

■ 6.3130, 6.9312,
8.4672

337.5354,

■ 3.0788, 3.4191,

359.1864, 403.5271

4.3033

398.0459,
423.3213, 474.7905

■ 1.1956, 1.3543,
1.7932

■ 0.1029, 0.1826,
0.4234

■ 74.5492, 79.9218,
91.6181

■ 74.5492, 79.9218,
91.6181

■ 66.0392, 72.9304,
90.7184

■ 84.1482, 87.5740,
92.5904

■ 58.5682, 66.5664,
89.8838

■ 89.3710, 93.0639,
93.3748

■ 52.0926, 60.8085,
89.1137

■ 91.3207, 96.9634,
94.0247

■ 46.5628, 55.6303,
88.4056

■ 92.2863, 98.8945,
94.3466

■ 41.9249, 51.0027,
87.7569

■ 38.1192, 46.8941,
87.1644

■ 35.0780, 43.2685,
86.6249

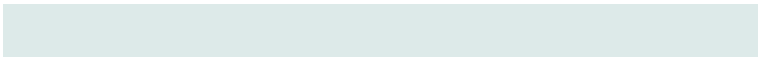
■ 32.7225, 40.0841,
86.1344

■ 30.9545, 37.2893,
85.6881

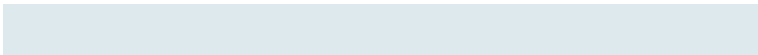
Harmonies

Analogous

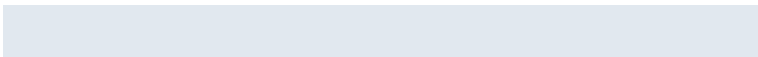
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9600, 79.9218, 88.9100



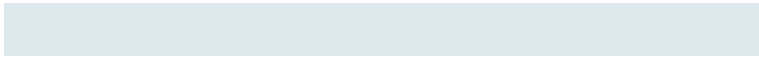
74.5492, 79.9218, 91.6181



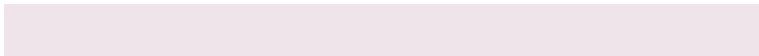
75.5206, 79.9218, 93.1084

Triad

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



74.5492, 79.9218, 91.6181



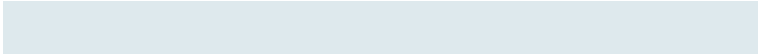
78.0600, 79.9218, 88.2976



75.3104, 79.9218, 81.3603

Complementary

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



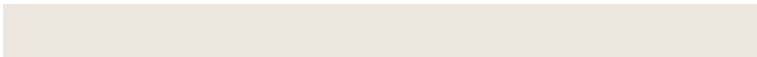
74.5492, 79.9218, 91.6181



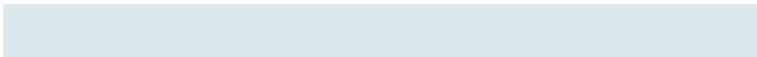
75.3066, 77.6707, 80.1315

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.



76.4076, 79.9218, 81.2054



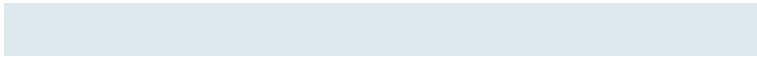
74.5492, 79.9218, 91.6181



78.0024, 79.9218, 85.1594

Square

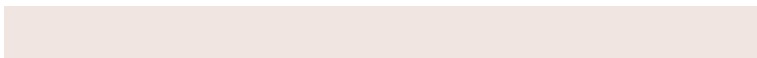
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5492, 79.9218, 91.6181



77.5518, 79.9218, 91.1604



77.3951, 79.9218, 82.5808



74.3965, 79.9218, 83.0093

Rectangle

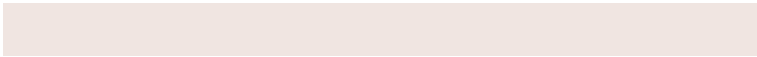
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



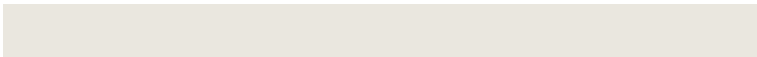
74.5492, 79.9218, 91.6181



76.2575, 79.9218, 93.1874



77.3951, 79.9218, 82.5808



75.6698, 79.9218, 81.1333

Sweetspot

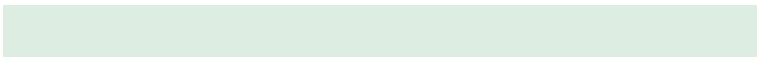
The Sweet Spot groups the original color and five complimentary colors.



74.5515, 79.9252, 91.6199



92.7665, 98.1816, 108.6694



74.1029, 81.5766, 83.6134



19.8798, 21.0340, 23.2621



0.0000, 0.0000, 0.0000



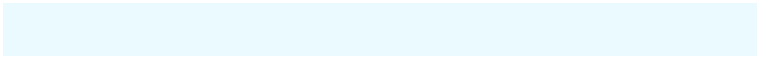
20.3446, 21.4041, 23.3091

Same Dimension

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



74.5515, 79.9252, 91.6199



86.2295, 92.9151, 107.9974



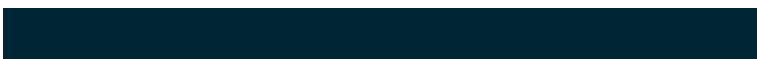
72.5401, 75.9023, 90.9494



15.1585, 16.4034, 19.2895



16.7073, 20.0616, 46.7347



1.3902, 1.7318, 3.6959

Inverse Universe

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



75.7561, 76.1319, 87.7968



88.0210, 87.3227, 102.3007



77.3209, 81.6993, 80.8029



15.5335, 15.2413, 18.0949



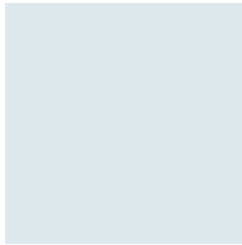
23.2884, 11.5180, 23.1177



1.8682, 0.9202, 2.0232

Previews

White Background



This preview shows how the XYZ color 74.5492, 79.9218, 91.6181 looks on a white background.

Color Contrast Check

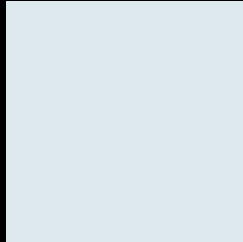
Large Text (above 18pt) WCAG AA × Fail

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 74.5492, 79.9218, 91.6181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

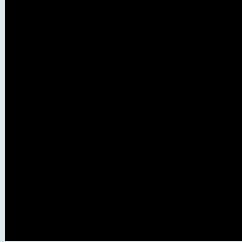
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

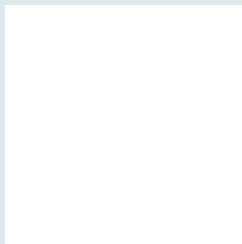
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.5492, 79.9218, 91.6181

Background



This preview shows how black text looks on a background with the XYZ color 74.5492, 79.9218, 91.6181.



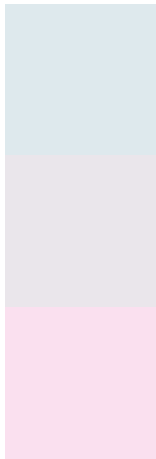
This preview shows how white text looks on a background with the XYZ color 74.5492, 79.9218,

91.6181.

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

74.5492, 79.9218, 91.6181

Protanopia

77.2239, 80.0842, 89.9849

Deuteranopia

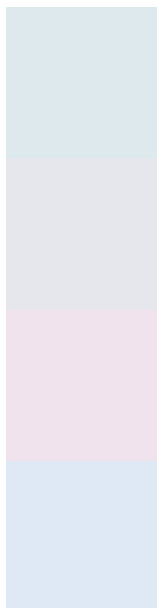
81.6600, 79.8673, 92.7733



Tritanopia

76.4153, 79.8387, 101.0054

Trichromacy



Original Color

74.5492, 79.9218, 91.6181

Protanomaly

76.3494, 80.0310, 90.7804

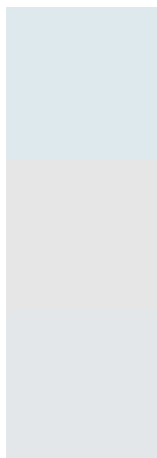
Deuteranomaly

78.8369, 79.6365, 92.1051

Tritanomaly

75.7695, 79.9938, 97.8331

Monochromacy



Original Color

74.5492, 79.9218, 91.6181

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.9624, 79.3659, 88.4590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5492, 79.9218, 91.6181 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(222, 233, 237) looks like.

```
.text, #text, p{  
    color:rgb(222, 233, 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(222, 233, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 233, 237) }
```

Border

The CSS property to change the border of an element to XYZ 74.5492, 79.9218, 91.6181 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(222, 233, 237) }
```


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

```
.border{ border-color:rgb(222, 233, 237) }
```

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

Here you see how a box with a 4 pixel rgb(222, 233, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 233, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 233, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 233,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5492, 79.9218, 91.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 233, 237) }
```

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

```
.background{ background-color: rgb(222,  
233, 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