

Converting Colors

XYZ(74.6788, 79.7449, 91.9646)

Have a look what the booklet for
XYZ(74.6788, 79.7449, 91.9646)
contains.

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Color

**XYZ(74.7207, 79.5742,
92.3101)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE8EE
RGB	223, 232, 238
RGB Percent	87%, 91%, 93%
CMY	0.1255, 0.0902, 0.0667
CMYK	0.06, 0.03, 0.00, 0.07
HSL	204°, 31%, 90%
HSV	204°, 6%, 93%
XYZ	74.7207, 79.5742, 92.3101
YIQ	229.9930, -7.2900, -0.0420

Conversions

Conversions Part 2

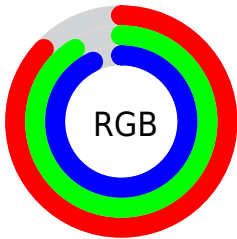
Format	Color
RYB	223, 229, 238
Decimal	14674158
CIELab	91.49, -1.87, -3.96
CIELCh	91, 4.376, 244.696
Yxy	79.5742, 0.3030, 0.3227
Android (android.graphics.Color)	4292864238 (0xFFDFE8EE)
YUV	229.9930, 3.9475, -6.1329
Hunter-Lab	89.2044, -6.5898, 1.0888

Details

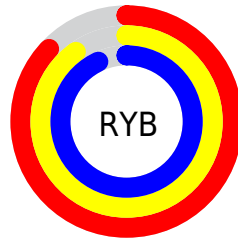
The XYZ color **74.7207, 79.5742, 92.3101** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.5989, 79.5431, 81.1297**, and the grayscale version is **75.1861, 79.1017, 86.1417**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1173, 42.7529, 50.3937** is the 20% darker color. If you saturate the color by 10%, you get **65.2914, 70.8463, 91.1237**, and if you desaturate by 10%, it is **85.3304, 89.1302, 93.5966**.

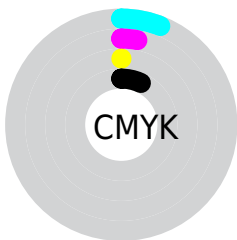
Distribution



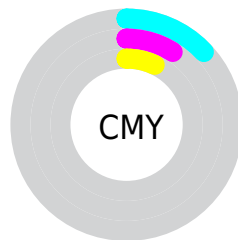
- Red (87%)
- Green (91%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- 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 74.7207, 79.5742, 92.3101 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 74.7207, 79.5742, 92.3101 by changing the saturation by 10% instead.

■ 74.7207, 79.5742,
92.3101

■ 74.7207, 79.5742,
92.3101

465.9690,
493.4967, 556.2800

■ 55.6775, 59.3680,
69.3138

124.9069,
132.7669, 152.5065

■ 40.1804, 42.9095,
50.4939

156.7807,
166.5222, 190.5437

■ 27.8640, 29.8141,
35.4321

193.6620,
205.5627, 234.4316

■ 18.3631, 19.6975,
23.7097

235.9161,
250.2728, 284.5886

■ 11.3123, 12.1754,
14.9082

283.9086,
301.0369, 341.4335

■ 6.3461, 6.8632,
8.6091

338.0046,

■ 3.0993, 3.3767,

358.2393, 405.3846

4.3938

398.5697,
422.2644, 476.8606

■ 1.2065, 1.3314,
1.8438

■ 0.1115, 0.1653,
0.4566

■ 74.7207, 79.5742,
92.3101

■ 74.7207, 79.5742,
92.3101

■ 65.2914, 70.8463,
91.1237

■ 85.3304, 89.1302,
93.5966

■ 56.9905, 62.9098,
90.0293

■ 91.1809, 96.4492,
94.7010

■ 49.7722, 55.7400,
89.0258

■ 92.4329, 98.9531,
95.1183

■ 43.5849, 49.3065,
88.1101

■ 38.3721, 43.5766,
87.2789

■ 34.0718, 38.5148,
86.5285

■ 30.6139, 34.0808,
85.8549

■ 27.9168, 30.2288,
85.2535

■ 25.8793, 26.9025,
84.7189

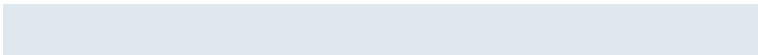
Harmonies

Analogous

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



73.8847, 79.5742, 90.1832



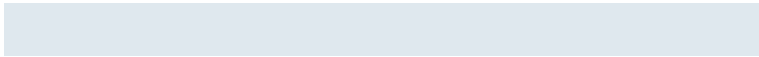
74.7207, 79.5742, 92.3101



75.8085, 79.5742, 92.9041

Triad

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



74.7207, 79.5742, 92.3101



77.7887, 79.5742, 86.1413



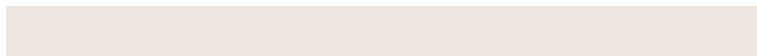
74.4197, 79.5742, 81.6945

Complementary

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



74.7207, 79.5742, 92.3101



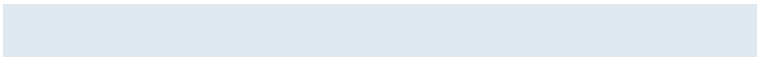
76.5989, 79.5431, 81.1297

Split Complementary

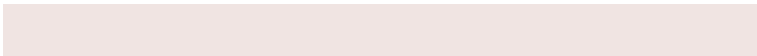
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.4576, 79.5742, 80.6693



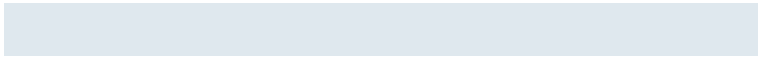
74.7207, 79.5742, 92.3101



77.4084, 79.5742, 83.1963

Square

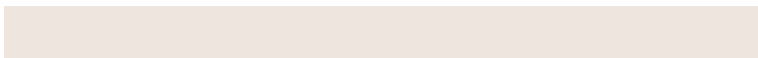
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7207, 79.5742, 92.3101



77.5867, 79.5742, 89.2924



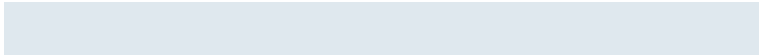
76.5525, 79.5742, 81.2123



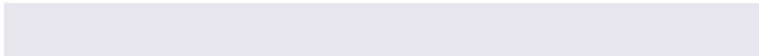
73.7122, 79.5742, 84.0461

Rectangle

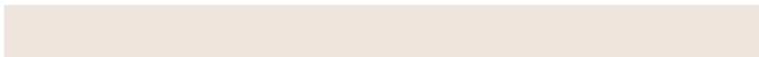
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7207, 79.5742, 92.3101



76.5317, 79.5742, 92.3388



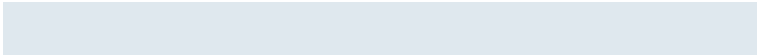
76.5525, 79.5742, 81.2123



74.7411, 79.5742, 81.1859

Sweetspot

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



74.7230, 79.5776, 92.3119



92.5515, 97.7515, 108.5977



75.1153, 82.4816, 85.9088



19.8360, 20.9465, 23.2476



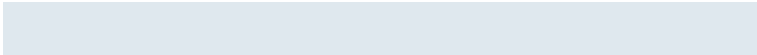
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



74.7230, 79.5776, 92.3119



85.3923, 91.2406, 107.7183



72.7232, 75.5779, 91.6452



15.6864, 16.8070, 20.1389



14.2074, 14.6391, 47.2047



1.2790, 1.4119, 3.9593

Inverse Universe

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



76.2149, 76.7804, 87.1509



87.5984, 87.1537, 100.0753



78.6480, 83.6412, 81.8127



16.1712, 15.9182, 18.4576



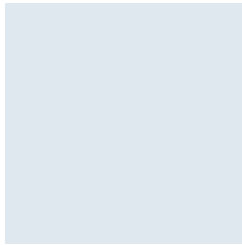
22.4969, 11.2712, 15.7990



1.9205, 0.9572, 1.5723

Previews

White Background



This preview shows how the XYZ color 74.7207, 79.5742, 92.3101 looks on a white background.

Color Contrast Check

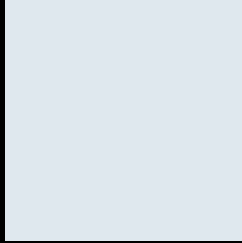
Large Text (above 18pt) WCAG AA × Fail

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 74.7207, 79.5742, 92.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

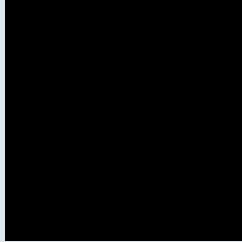
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

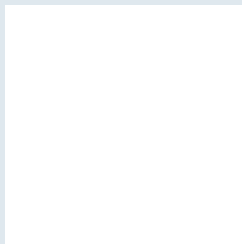
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7207, 79.5742, 92.3101

Background



This preview shows how black text looks on a background with the XYZ color 74.7207, 79.5742, 92.3101.



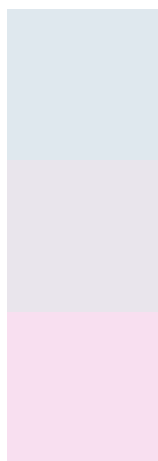
This preview shows how white text looks on a background with the XYZ color 74.7207, 79.5742,

92.3101.

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

74.7207, 79.5742, 92.3101

Protanopia

76.7639, 79.4184, 90.6403

Deuteranopia

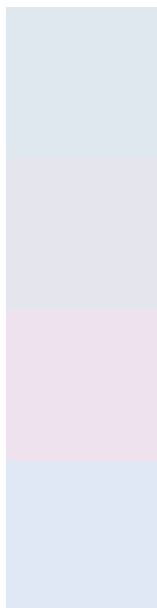
80.8273, 79.0231, 93.4310



Tritanopia

76.4470, 79.4407, 100.9269

Trichromacy



Original Color

74.7207, 79.5742, 92.3101

Protanomaly

75.8960, 79.3661, 91.4398

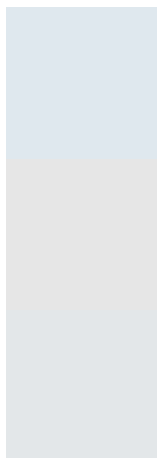
Deuteranomaly

78.3729, 78.9754, 92.7744

Tritanomaly

75.7978, 79.5917, 97.7540

Monochromacy



Original Color

74.7207, 79.5742, 92.3101

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 74.7207, 79.5742, 92.3101 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, 232, 238) looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 238)  
}
```

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, 232, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 238) }
```

Border

The CSS property to change the border of an element to XYZ 74.7207, 79.5742, 92.3101 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, 232, 238) }
```


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

```
.border{ border-color:rgb(223, 232, 238) }
```

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

Here you see how a box with a 4 pixel rgb(223, 232, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 232, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 232, 238);  
box-shadow:4px 4px 4px 4px rgb(223, 232,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7207, 79.5742, 92.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 238) }
```

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

```
.background{ background-color: rgb(223,  
232, 238) }
```

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](#).

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