

Converting Colors

XYZ(71.6108, 75.7599, 80.2989)

Have a look what the booklet for
XYZ(71.6108, 75.7599, 80.2989)
contains.

XYZ(71.4325, 75.6742, 79.9489)	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(71.4325, 75.6742,
79.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E2DE
RGB	225, 226, 222
RGB Percent	88%, 89%, 87%
CMY	0.1176, 0.1137, 0.1294
CMYK	0.00, 0.00, 0.02, 0.11
HSL	75°, 6%, 88%
HSV	75°, 2%, 89%
XYZ	71.4325, 75.6742, 79.9489
YIQ	225.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

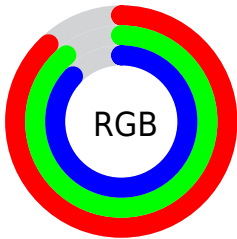
Format	Color
RYP	222, 226, 223
Decimal	14803678
CIELab	89.71, -1.04, 1.82
CIElCh	90, 2.101, 119.817
Yxy	75.6742, 0.3146, 0.3333
Android (android.graphics.Color)	4292993758 (0xFFE1E2DE)
YUV	225.2450, -1.5998, -0.2149
Hunter-Lab	86.9909, -5.6590, 6.4032

Details

The XYZ color **71.4325, 75.6742, 79.9489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2831, 73.4235, 82.4233**, and the grayscale version is **71.7569, 75.4938, 82.2128**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1155, 40.4619, 42.3602** is the 20% darker color. If you saturate the color by 10%, you get **66.8672, 73.6497, 64.9688**, and if you desaturate by 10%, it is **76.4668, 77.8979, 97.0736**.

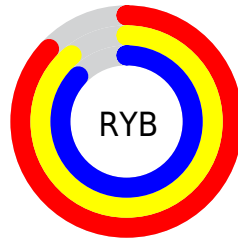
Distribution



Red (88%)

Green (89%)

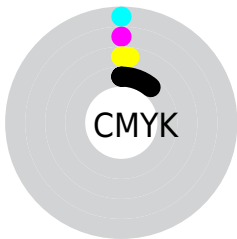
Blue (87%)



Red (87%)

Yellow (89%)

Blue (87%)

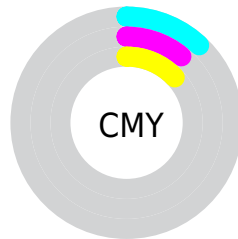


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4325, 75.6742, 79.9489 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 71.4325, 75.6742, 79.9489 by changing the saturation by 10% instead.

■ 71.4325, 75.6742,
79.9489

■ 71.4325, 75.6742,
79.9489

454.7523,
480.2317, 514.4628

■ 52.9790, 56.1654,
59.1504

120.2645,
127.2663, 135.1046

■ 38.0134, 40.3355,
42.3134

151.3738,
160.1183, 170.2989

■ 26.1704, 27.8003,
29.0194

187.4324,
198.1869, 211.1289

■ 17.0845, 18.1751,
18.8498

228.8056,
241.8564, 258.0131

■ 10.3904, 11.0758,
11.3861

275.8588,
291.5113, 311.3700

■ 5.7228, 6.1178,
6.2097

328.9575,

■ 2.7163, 2.9169,

347.5358, 371.6183

2.9022

388.4668,
410.3145, 439.1764

■ 1.0056, 1.0885,
1.0449

■ 0.0000, 0.0000,
0.0000

■ 71.4325, 75.6742,
79.9489

■ 71.4325, 75.6742,
79.9489

■ 66.8672, 73.6497,
64.9688

■ 76.4668, 77.8979,
97.0736

■ 62.7479, 71.8080,
52.0439

■ 79.9518, 79.5062,
105.7401

■ 59.0592, 70.1451,
41.0858

■ 81.8673, 80.4937,
105.8297

■ 55.7820, 68.6534,
31.9977

■ 83.8431, 81.5123,
105.9222

■ 52.8959, 67.3246,
24.6747

■ 85.8797, 82.5622,
106.0175

■ 50.3783, 66.1498,
19.0014

■ 86.4878, 82.8757,
106.0459

■ 48.2042, 65.1186,
14.8489

■ 46.3448, 64.2197,
12.0689

■ 44.7658, 63.4391,
10.4838

Harmonies

Analogous

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



71.9292, 75.6742, 79.5798



71.4325, 75.6742, 79.9489



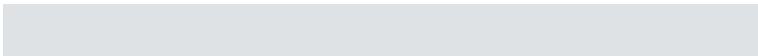
71.0695, 75.6742, 80.9721

Triad

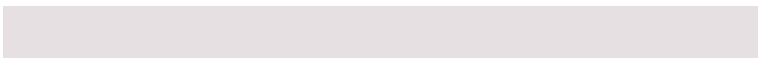
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4325, 75.6742, 79.9489



71.4270, 75.6742, 84.8839



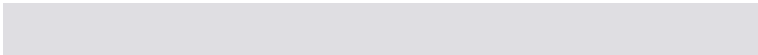
72.9255, 75.6742, 82.4054

Complementary

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



71.4325, 75.6742, 79.9489



70.2831, 73.4235, 82.4233

Split Complementary

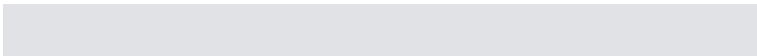
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7895, 75.6742, 83.8372



71.4325, 75.6742, 79.9489



71.9229, 75.6742, 85.2786

Square

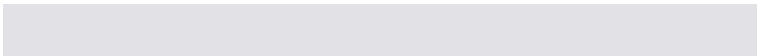
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



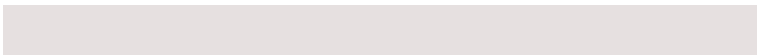
71.4325, 75.6742, 79.9489



71.0663, 75.6742, 83.8212



72.4219, 75.6742, 84.8932



72.7927, 75.6742, 80.9877

Rectangle

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



71.4325, 75.6742, 79.9489



70.9513, 75.6742, 81.8936



72.4219, 75.6742, 84.8932



72.9097, 75.6742, 82.9011

Sweetspot

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



71.4346, 75.6775, 79.9505



94.4072, 99.7158, 106.7411



70.9391, 74.2204, 79.6954



20.2138, 21.3463, 22.8697



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.



71.4346, 75.6775, 79.9505



93.7707, 99.4341, 104.6107



70.8151, 75.3581, 79.9216



15.2644, 16.1784, 17.0575



25.0040, 35.9226, 5.6159



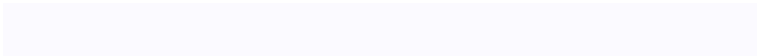
1.8135, 2.5314, 0.3930

Inverse Universe

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



70.2831, 73.4235, 82.4233



92.0527, 96.0716, 108.2997



70.9026, 73.7429, 82.4523



15.0021, 15.6651, 17.6206



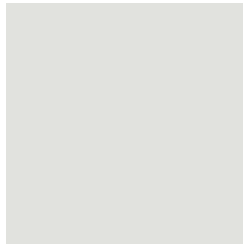
8.8756, 3.6708, 41.2891



0.6966, 0.2964, 2.8657

Previews

White Background



This preview shows how the XYZ color 71.4325, 75.6742, 79.9489 looks on a white background.

Color Contrast Check

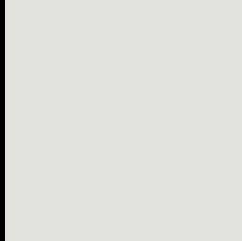
Large Text (above 18pt) WCAG AA × Fail

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 71.4325, 75.6742, 79.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

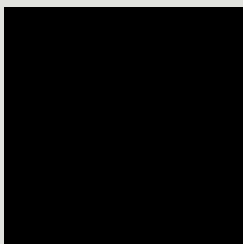
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

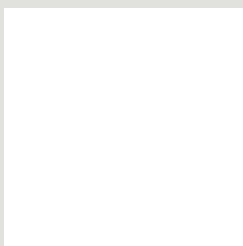
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4325, 75.6742, 79.9489

Background



This preview shows how black text looks on a background with the XYZ color 71.4325, 75.6742, 79.9489.

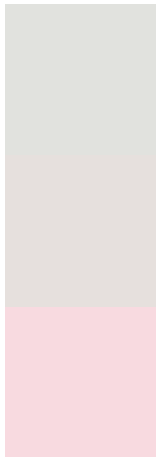


This preview shows how white text looks on a background with the XYZ color 71.4325, 75.6742,

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

71.4325, 75.6742, 79.9489

Protanopia

72.3399, 75.3548, 79.1388

Deuteranopia

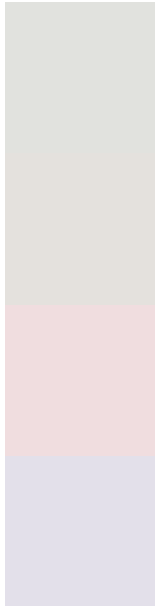
77.2373, 75.4811, 81.0195



Tritanopia

74.2598, 75.6202, 93.9013

Trichromacy



Original Color

71.4325, 75.6742, 79.9489

Protanomaly

71.9713, 75.5649, 79.1988

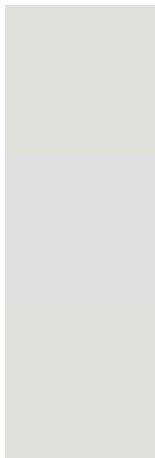
Deuteranomaly

75.1109, 75.5659, 80.4389

Tritanomaly

73.1855, 75.5827, 88.5735

Monochromacy



Original Color

71.4325, 75.6742, 79.9489

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.4311, 75.2398, 81.2789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4325, 75.6742, 79.9489 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(225, 226, 222) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 222)  
}
```

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(225, 226, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 222) }
```

Border

The CSS property to change the border of an element to XYZ 71.4325, 75.6742, 79.9489 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(225, 226, 222) }
```


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

```
.border{ border-color:rgb(225, 226, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 222);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4325, 75.6742, 79.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 222) }
```

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

```
.background{ background-color: rgb(225,  
226, 222) }
```

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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