

Converting Colors

XYZ(71.5303, 75.8570, 79.6204)

Have a look what the booklet for
XYZ(71.5303, 75.8570, 79.6204)
contains.

| | |
|--|----|
| XYZ(71.2988, 75.6207, 79.2450) | 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(71.2988, 75.6207,
79.2450)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E1E2DD |
| RGB | 225, 226, 221 |
| RGB Percent | 88%, 89%, 87% |
| CMY | 0.1176, 0.1137, 0.1333 |
| CMYK | 0.00, 0.00, 0.02, 0.11 |
| HSL | 72°, 8%, 88% |
| HSV | 72°, 2%, 89% |
| XYZ | 71.2988, 75.6207, 79.2450 |
| YIQ | 225.1310, 1.0090, -1.7670 |

Conversions

Conversions Part 2

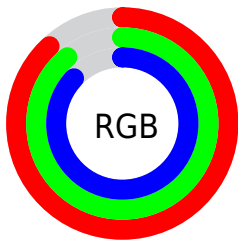
| Format | Color |
|-------------------------------------|--|
| RYB | 221, 226, 222 |
| Decimal | 14803677 |
| CIELab | 89.68, -1.22, 2.31 |
| CIELCh | 90, 2.614, 117.851 |
| Yxy | 75.6207, 0.3153, 0.3344 |
| Android (android.graphics.Color) | 4292993757 (0xFFE1E2DD) |
| YUV | 225.1310, -2.0366, -0.1149 |
| Hunter-Lab | 86.9602, -5.8278, 6.8424 |

Details

The XYZ color **71.2988, 75.6207, 79.2450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7110, 72.7355, 82.3206**, and the grayscale version is **71.6777, 75.4105, 82.1221**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0234, 40.4250, 41.8752** is the 20% darker color. If you saturate the color by 10%, you get **67.0936, 73.7799, 64.3737**, and if you desaturate by 10%, it is **75.9512, 77.6496, 96.2564**.

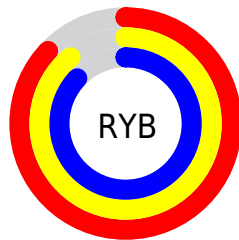
Distribution



Red (88%)

Green (89%)

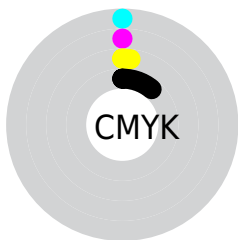
Blue (87%)



Red (87%)

Yellow (89%)

Blue (87%)

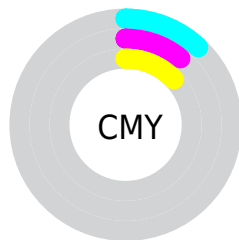


Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (11%)



Cyan (12%)

Magenta (11%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2988, 75.6207, 79.2450 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 71.2988, 75.6207, 79.2450 by changing the saturation by 10% instead.

■ 71.2988, 75.6207,
79.2450

■ 71.2988, 75.6207,
79.2450

454.2929,
480.0483, 512.0243

■ 52.8695, 56.1215,
58.5748

120.0753,
127.1906, 134.1055

■ 37.9257, 40.3004,
41.8531

151.1532,
160.0301, 169.1329

■ 26.1019, 27.7728,
28.6616

187.1780,
198.0852, 209.7830

■ 17.0330, 18.1545,
18.5816

228.5150,
241.7403, 256.4744

■ 10.3535, 11.0610,
11.1946

275.5297,
291.3798, 309.6258

■ 5.6980, 6.1078,
6.0821

328.5873,

■ 2.7012, 2.9108,

347.3880, 369.6555

2.8255

388.0533,
410.1494, 436.9821

■ 0.9978, 1.0853,
1.0062

■ 0.0000, 0.0000,
0.0000

■ 71.2988, 75.6207,
79.2450

■ 71.2988, 75.6207,
79.2450

■ 67.0936, 73.7799,
64.3737

■ 75.9512, 77.6496,
96.2564

■ 63.3130, 72.1107,
51.5527

■ 79.2031, 79.1203,
105.7050

■ 59.9415, 70.6095,
40.6934

■ 80.7119, 79.8981,
105.7756

■ 56.9605, 69.2688,
31.6987

■ 82.2592, 80.6957,
105.8480

■ 54.3496, 68.0803,
24.4633

■ 83.8451, 81.5133,
105.9223

■ 52.0866, 67.0351,
18.8713

■ 85.4699, 82.3509,
105.9983

■ 50.1466, 66.1232,
14.7931

■ 86.4878, 82.8757,
106.0459

■ 48.5008, 65.3331,
12.0794

■ 47.1149, 64.6511,
10.5508

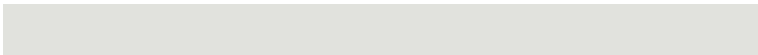
Harmonies

Analogous

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



71.9216, 75.6207, 78.8480



71.2988, 75.6207, 79.2450



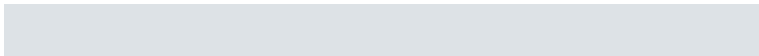
70.8328, 75.6207, 80.4671

Triad

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



71.2988, 75.6207, 79.2450



71.2189, 75.6207, 85.3744



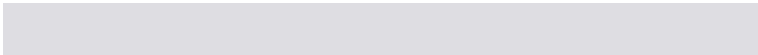
73.1186, 75.6207, 82.4710

Complementary

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



71.2988, 75.6207, 79.2450



69.7110, 72.7355, 82.3206

Split Complementary

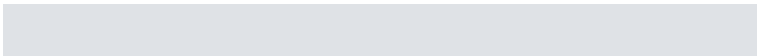
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9277, 75.6207, 84.2379



71.2988, 75.6207, 79.2450



71.8288, 75.6207, 85.9296

Square

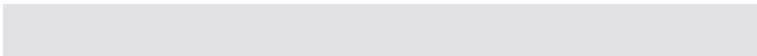
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



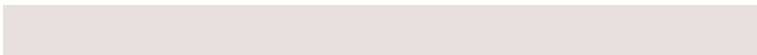
71.2988, 75.6207, 79.2450



70.7869, 75.6207, 84.0044



72.4547, 75.6207, 85.5106



72.9746, 75.6207, 80.6939

Rectangle

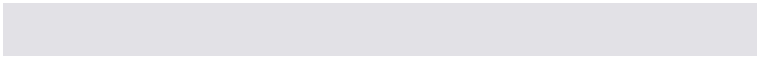
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



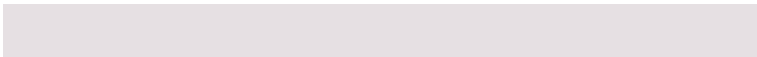
71.2988, 75.6207, 79.2450



70.6726, 75.6207, 81.5947



72.4547, 75.6207, 85.5106



73.0914, 75.6207, 83.0860

Sweetspot

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



71.3009, 75.6240, 79.2466



94.4541, 99.7399, 106.7433



70.5390, 73.6340, 78.9027



20.2234, 21.3512, 22.8702



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.



71.3009, 75.6240, 79.2466



93.2800, 99.2270, 102.5155



70.5276, 75.2253, 79.2105



15.1010, 16.1081, 16.4204



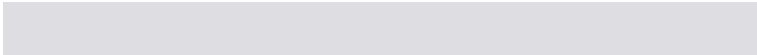
26.4392, 36.6624, 5.6831



1.9019, 2.5769, 0.3972

Inverse Universe

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



69.7110, 72.7355, 82.3206



90.4439, 94.0744, 107.9990



70.4821, 73.1330, 82.3567



14.5271, 15.0655, 17.5299



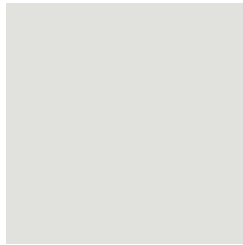
8.5352, 3.4954, 41.2732



0.6645, 0.2799, 2.8642

Previews

White Background



This preview shows how the XYZ color 71.2988, 75.6207, 79.2450 looks on a white background.

Color Contrast Check

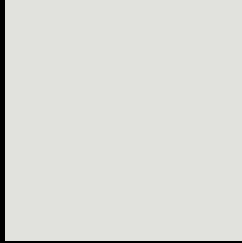
Large Text (above 18pt) WCAG AA × Fail

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 71.2988, 75.6207, 79.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

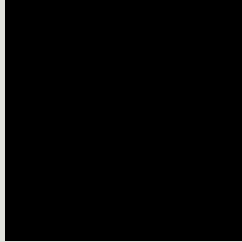
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

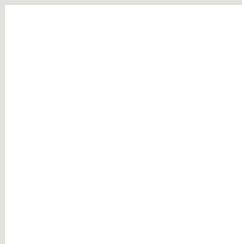
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2988, 75.6207, 79.2450

Background



This preview shows how black text looks on a background with the XYZ color 71.2988, 75.6207, 79.2450.



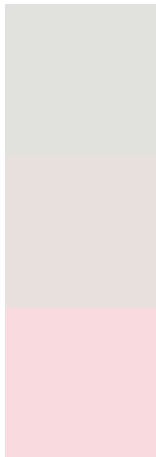
This preview shows how white text looks on a background with the XYZ color 71.2988, 75.6207,

79.2450.

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

71.2988, 75.6207, 79.2450

Protanopia

72.5289, 75.4675, 78.4542

Deuteranopia

77.1021, 75.4270, 80.3072



Tritanopia

74.2598, 75.6202, 93.9013

Trichromacy



Original Color

71.2988, 75.6207, 79.2450

Protanomaly

72.1566, 75.6757, 78.5140

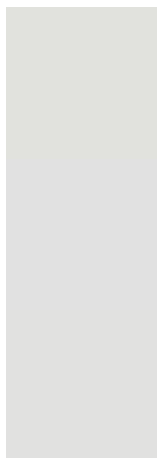
Deuteranomaly

74.9764, 75.5121, 79.7308

Tritanomaly

73.1855, 75.5827, 88.5735

Monochromacy



Original Color

71.2988, 75.6207, 79.2450

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 71.2988, 75.6207, 79.2450 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, 221) looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 71.2988, 75.6207, 79.2450 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, 221) }
```


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

```
.border{ border-color:rgb(225, 226, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 226,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2988, 75.6207, 79.2450 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, 221) }
```

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

```
.background{ background-color: rgb(225,  
226, 221) }
```

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