

Converting Colors

XYZ(71.8166, 72.5474, 74.9922)

Have a look what the booklet for
XYZ(71.8166, 72.5474, 74.9922)
contains.

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Color

**XYZ(71.7996, 72.4164,
75.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD9D8
RGB	236, 217, 216
RGB Percent	93%, 85%, 85%
CMY	0.0745, 0.1490, 0.1529
CMYK	0.00, 0.08, 0.08, 0.07
HSL	3°, 34%, 89%
HSV	3°, 8%, 93%
XYZ	71.7996, 72.4164, 75.1593
YIQ	222.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

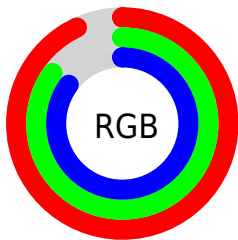
Format	Color
R _Y B	236, 217, 216
Decimal	15522264
CIE Lab	88.17, 6.37, 2.85
CIE LCh	88, 6.975, 24.086
Yxy	72.4164, 0.3273, 0.3301
Android (android.graphics.Color)	4293712344 (0xFFECD9D8)
YUV	222.5670, -3.2375, 11.7807
Hunter-Lab	85.0978, 1.6846, 7.2029

Details

The XYZ color **71.7996, 72.4164, 75.1593** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1674, 80.0705, 90.9566**, and the grayscale version is **69.8503, 73.4879, 80.0283**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1757, 38.1172, 39.0635** is the 20% darker color. If you saturate the color by 10%, you get **63.5748, 60.5034, 58.4303**, and if you desaturate by 10%, it is **81.2514, 86.0805, 94.4610**.

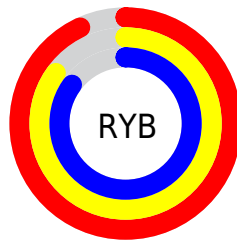
Distribution



Red (93%)

Green (85%)

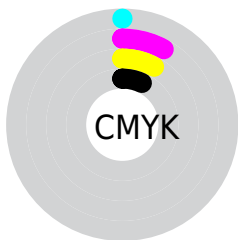
Blue (85%)



Red (93%)

Yellow (85%)

Blue (85%)

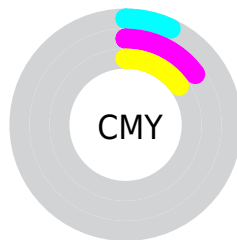


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7996, 72.4164, 75.1593 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 71.7996, 72.4164, 75.1593 by changing the saturation by 10% instead.

71.7996, 72.4164,
75.1593

71.7996, 72.4164,
75.1593

456.0122,
468.9896, 497.7349

53.2799, 53.4989,
55.2409

120.7839,
122.6484, 128.2870

38.2546, 38.2012,
39.1947

151.9792,
154.7316, 162.3334

26.3585, 26.1389,
26.6022

188.1304,
191.9722, 201.9261

17.2261, 16.9276,
17.0449

229.6028,
234.7546, 247.4839

10.4921, 10.1829,
10.1042

276.7619,
283.4631, 299.4251

5.7912, 5.5204,
5.3616

329.9729,

2.7580, 2.5557,

338.4822, 358.1683

2.3985

389.6012,
400.1963, 424.1321

■ 1.0271, 0.9044,
0.7856

■ 0.0000, 0.0000,
0.0000

■ 71.7996, 72.4164,
75.1593

■ 71.7996, 72.4164,
75.1593

■ 63.5748, 60.5034,
58.4303

■ 81.2514, 86.0805,
94.4610

■ 56.5210, 50.2618,
44.1609

■ 88.4025, 96.5731,
108.5889

■ 50.5868, 41.6195,
32.2366

■ 45.7145, 34.4960,
22.5320

■ 41.8414, 28.8035,
14.9099

■ 38.8982, 24.4451,
9.2178

■ 36.8066, 21.3123,
5.2827

■ 35.4756, 19.2791,
2.9006

■ 34.7868, 18.1902,
1.7810

Harmonies

Analogous

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



72.0696, 72.4164, 79.7994



71.7996, 72.4164, 75.1593



70.7282, 72.4164, 71.6408

Triad

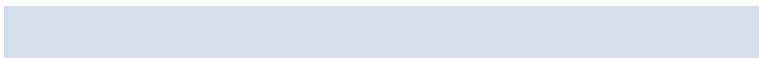
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7996, 72.4164, 75.1593



66.2644, 72.4164, 73.5827



68.4997, 72.4164, 88.3439

Complementary

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



71.7996, 72.4164, 75.1593



73.1674, 80.0705, 90.9566

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.



66.9653, 72.4164, 86.5254



71.7996, 72.4164, 75.1593



65.6882, 72.4164, 77.9065

Square

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



71.7996, 72.4164, 75.1593



67.5289, 72.4164, 70.7566



65.9427, 72.4164, 82.6578



70.1470, 72.4164, 87.5363

Rectangle

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



71.7996, 72.4164, 75.1593



69.7128, 72.4164, 70.3409



65.9427, 72.4164, 82.6578



67.9539, 72.4164, 88.0172

Sweetspot

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



71.8016, 72.4196, 75.1609



91.5683, 94.9684, 101.7837



74.1443, 72.9439, 88.7699



19.4051, 20.0463, 21.3891



0.0000, 0.0000, 0.0000



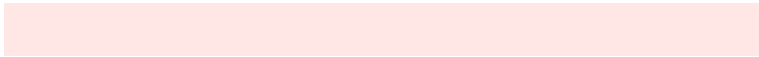
20.3446, 21.4041, 23.3091

Same Dimension

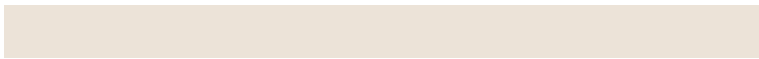
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8016, 72.4196, 75.1609



83.9672, 83.9739, 86.2783



74.4568, 77.7299, 76.0459



15.1261, 15.1752, 15.6506



19.1664, 10.0271, 0.9252



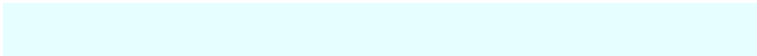
1.5265, 0.8302, 0.0798

Inverse Universe

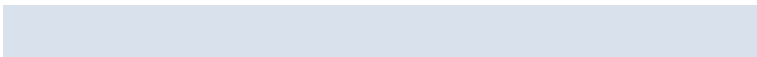
The Inverse Universe completely reimagines the original color for something new.



73.1674, 80.0705, 90.9566



85.8759, 94.6664, 108.3540



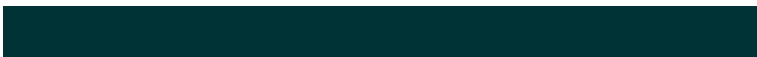
70.3855, 74.5066, 90.0293



15.4491, 16.9847, 19.3864



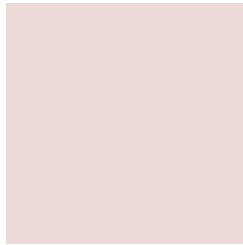
23.0909, 32.8287, 48.8625



1.8331, 2.6177, 3.8435

Previews

White Background



This preview shows how the XYZ color 71.7996, 72.4164, 75.1593 looks on a white background.

Color Contrast Check

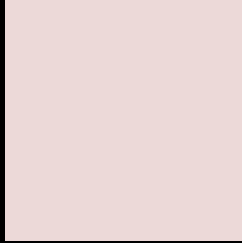
Large Text (above 18pt) WCAG AA × Fail

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 71.7996, 72.4164, 75.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

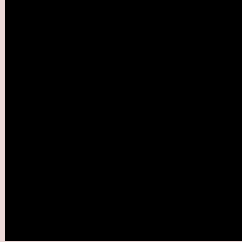
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

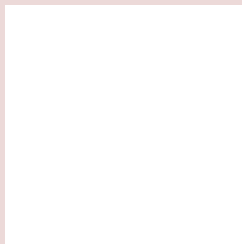
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7996, 72.4164, 75.1593

Background



This preview shows how black text looks on a background with the XYZ color 71.7996, 72.4164, 75.1593.



This preview shows how white text looks on a background with the XYZ color 71.7996, 72.4164,

75.1593.

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

71.7996, 72.4164, 75.1593

Protanopia

69.6121, 72.4171, 76.6386

Deuteranopia

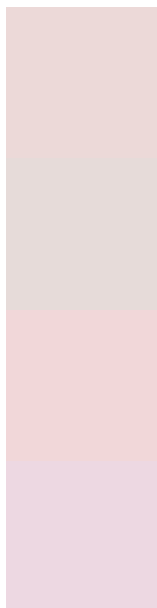
73.8792, 72.3360, 75.7140



Tritanopia

73.9841, 72.5475, 85.7050

Trichromacy



Original Color

71.7996, 72.4164, 75.1593

Protanomaly

70.4890, 72.4958, 75.9236

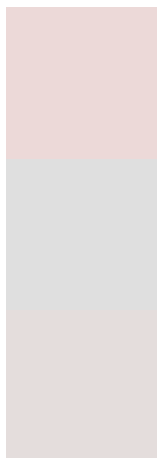
Deuteranomaly

73.1005, 72.3114, 75.7503

Tritanomaly

73.2084, 72.6072, 82.1076

Monochromacy



Original Color

71.7996, 72.4164, 75.1593

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.7696, 73.3742, 78.1428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7996, 72.4164, 75.1593 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(236, 217, 216)` looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 216)  
}
```

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(236, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 216) }
```

Border

The CSS property to change the border of an element to XYZ 71.7996, 72.4164, 75.1593 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(236, 217, 216) }
```


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

```
.border{ border-color:rgb(236, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7996, 72.4164, 75.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 217, 216) }
```

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

```
.background{ background-color: rgb(236,  
217, 216) }
```

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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