

Converting Colors

XYZ(72.8309, 72.8451, 80.6835)

Have a look what the booklet for
XYZ(72.8309, 72.8451, 80.6835)
contains.

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Color

**XYZ(72.8595, 72.8404,
80.7405)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD9E0
RGB	236, 217, 224
RGB Percent	93%, 85%, 88%
CMY	0.0745, 0.1490, 0.1216
CMYK	0.00, 0.08, 0.05, 0.07
HSL	338°, 33%, 89%
HSV	338°, 8%, 93%
XYZ	72.8595, 72.8404, 80.7405
YIQ	223.4790, 9.0770, 6.2050

Conversions

Conversions Part 2

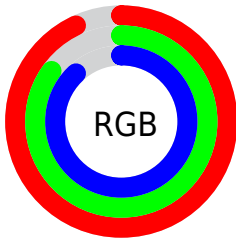
Format	Color
R _Y B	236, 217, 224
Decimal	15522272
CIE Lab	88.37, 7.72, -1.07
CIE LCh	88, 7.797, 352.076
Yxy	72.8404, 0.3218, 0.3217
Android (android.graphics.Color)	4293712352 (0xFFECD9E0)
YUV	223.4790, 0.2569, 10.9809
Hunter-Lab	85.3466, 3.0271, 3.6524

Details

The XYZ color **72.8595, 72.8404, 80.7405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7564, 80.4017, 85.8171**, and the grayscale version is **70.4754, 74.1456, 80.7445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9042, 38.4085, 42.8992** is the 20% darker color. If you saturate the color by 10%, you get **65.2724, 60.7606, 68.6697**, and if you desaturate by 10%, it is **81.4979, 86.7372, 94.0382**.

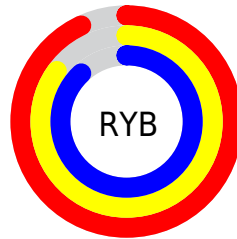
Distribution



Red (93%)

Green (85%)

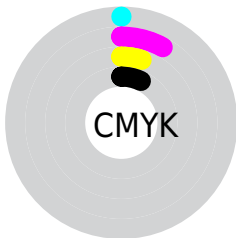
Blue (88%)



Red (93%)

Yellow (85%)

Blue (88%)

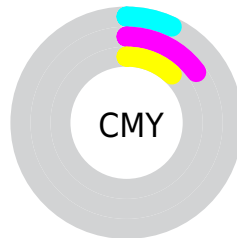


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (7%)



Cyan (7%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8595, 72.8404, 80.7405 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 72.8595, 72.8404, 80.7405 by changing the saturation by 10% instead.


 72.8595, 72.8404,
80.7405

 72.8595, 72.8404,
80.7405


459.6390,
470.4615, 517.1973

 54.1491, 53.8455,
59.7982


122.2819,
123.2506, 136.2271

 38.9520, 38.4781,
42.8317

153.7246,
155.4347, 171.6085

 26.9029, 26.3540,
29.4227


190.1421,
192.7839, 212.6399

 17.6365, 17.0886,
19.1525

231.8998,
235.6827, 259.7400

 10.7875, 10.2977,
11.6026

279.3630,
284.5155, 313.3272

 5.9903, 5.5968,
6.3544

332.8970,

 2.8798, 2.6015,

339.6666, 373.8202

2.9895

392.8672,
401.5205, 441.6373

■ 1.0905, 0.9274,
1.0893

■ 0.0172, 0.0000,
0.0000

■ 72.8595, 72.8404,
80.7405

■ 72.8595, 72.8404,
80.7405

■ 65.2724, 60.7606,
68.6697

■ 81.4979, 86.7372,
94.0382

■ 58.6891, 50.4129,
57.7851

■ 88.2129, 96.4972,
107.5901

■ 53.0677, 41.7200,
48.0501

■ 88.4025, 96.5731,
108.5889

■ 48.3607, 34.5948,
39.4248

■ 44.5164, 28.9423,
31.8664

■ 41.4777, 24.6570,
25.3292

■ 39.1803, 21.6191,
19.7635

■ 37.5488, 19.6878,
15.1140

■ 36.4805, 18.6683,
11.3145

Harmonies

Analogous

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



72.1112, 72.8404, 85.8172



72.8595, 72.8404, 80.7405



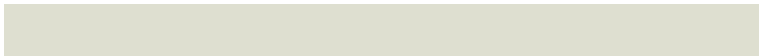
72.6223, 72.8404, 75.4989

Triad

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



72.8595, 72.8404, 80.7405



67.8885, 72.8404, 70.1358



67.0437, 72.8404, 87.7242

Complementary

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



72.8595, 72.8404, 80.7405



72.7564, 80.4017, 85.8171

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.



65.9501, 72.8404, 83.2489



72.8595, 72.8404, 80.7405



66.4317, 72.8404, 73.1418

Square

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



72.8595, 72.8404, 80.7405



69.7300, 72.8404, 69.5319



65.7281, 72.8404, 77.8981



68.7376, 72.8404, 89.9661

Rectangle

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



72.8595, 72.8404, 80.7405



71.9390, 72.8404, 72.6010



65.7281, 72.8404, 77.8981



66.5949, 72.8404, 86.4218

Sweetspot

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



72.8616, 72.8436, 80.7421



92.9301, 96.5833, 105.6558



72.1785, 72.2967, 89.5084



19.9131, 20.7086, 22.6488



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

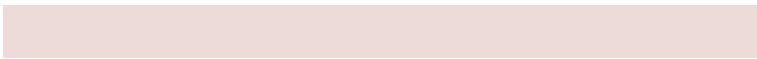
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8616, 72.8436, 80.7421



84.9618, 83.8013, 93.2745



72.5070, 73.6220, 76.0384



15.2948, 15.1458, 16.8378



20.0713, 10.2312, 6.1767



1.6211, 0.8214, 0.7220

Inverse Universe

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



72.8616, 72.8436, 80.7421



84.9618, 83.8013, 93.2745



73.1192, 79.5322, 90.8554



15.2948, 15.1458, 16.8378



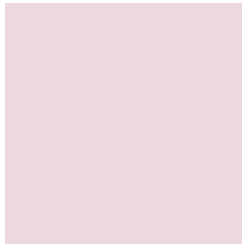
20.0713, 10.2312, 6.1767



1.6211, 0.8214, 0.7220

Previews

White Background



This preview shows how the XYZ color 72.8595, 72.8404, 80.7405 looks on a white background.

Color Contrast Check

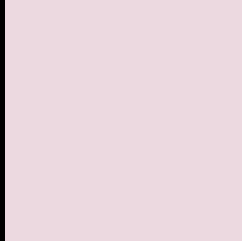
Large Text (above 18pt) WCAG AA × Fail

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 72.8595, 72.8404, 80.7405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

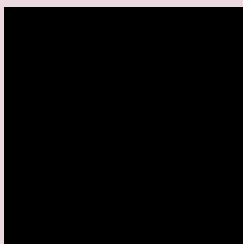
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

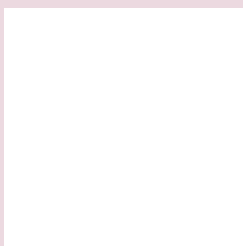
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8595, 72.8404, 80.7405

Background



This preview shows how black text looks on a background with the XYZ color 72.8595, 72.8404, 80.7405.



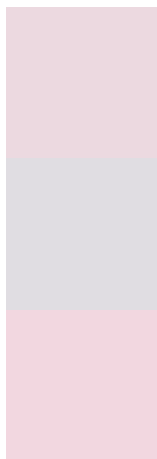
This preview shows how white text looks on a background with the XYZ color 72.8595, 72.8404,

80.7405.

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

72.8595, 72.8404, 80.7405

Protanopia

70.3244, 73.0512, 82.3453

Deuteranopia

74.3729, 72.8599, 80.6645



Tritanopia

74.1889, 72.9995, 87.2709

Trichromacy



Original Color

72.8595, 72.8404, 80.7405

Protanomaly

71.1787, 73.1166, 81.5956

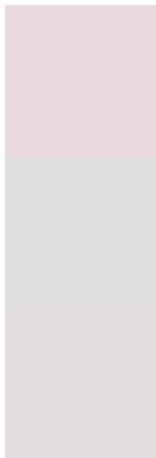
Deuteranomaly

73.9456, 73.0188, 80.7177

Tritanomaly

73.7638, 72.8294, 85.0326

Monochromacy



Original Color

72.8595, 72.8404, 80.7405

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.1706, 73.5346, 80.2545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8595, 72.8404, 80.7405 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, 224) looks like.

```
.text, #text, p{  
    color:rgb(236, 217, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 217, 224) }
```

Border

The CSS property to change the border of an element to XYZ 72.8595, 72.8404, 80.7405 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, 224) }
```


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

```
.border{ border-color:rgb(236, 217, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(236, 217,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8595, 72.8404, 80.7405 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, 224) }
```

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

```
.background{ background-color: rgb(236,  
217, 224) }
```

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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