

Converting Colors

XYZ(72.1676, 73.3864, 80.2190)

Have a look what the booklet for
XYZ(72.1676, 73.3864, 80.2190)
contains.

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Color

**XYZ(71.9295, 73.1466,
80.1396)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E8DBDF |
| RGB | 232, 219, 223 |
| RGB Percent | 91%, 86%, 87% |
| CMY | 0.0902, 0.1412, 0.1255 |
| CMYK | 0.00, 0.06, 0.04, 0.09 |
| HSL | 342°, 22%, 88% |
| HSV | 342°, 6%, 91% |
| XYZ | 71.9295, 73.1466, 80.1396 |
| YIQ | 223.3430, 6.4640, 4.0000 |

Conversions

Conversions Part 2

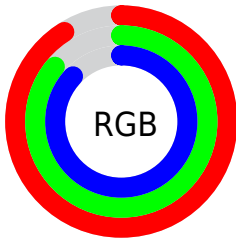
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 232, 219, 223 |
| Decimal | 15260639 |
| CIE Lab | 88.52, 5.14, -0.37 |
| CIE LCh | 89, 5.151, 355.849 |
| Yxy | 73.1466, 0.3194, 0.3248 |
| Android (android.graphics.Color) | 4293450719 (0xFFE8DBDF) |
| YUV | 223.3430, -0.1691, 7.5922 |
| Hunter-Lab | 85.5258, 0.4532, 4.3120 |

Details

The XYZ color **71.9295, 73.1466, 80.1396** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0764, 78.3766, 84.7321**, and the grayscale version is **70.3828, 74.0482, 80.6385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2478, 38.6082, 42.4820** is the 20% darker color. If you saturate the color by 10%, you get **64.2297, 61.0500, 67.3882**, and if you desaturate by 10%, it is **80.6826, 87.0188, 94.2580**.

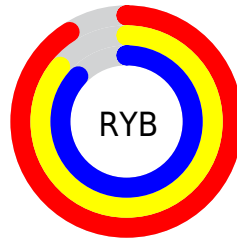
Distribution



Red (91%)

Green (86%)

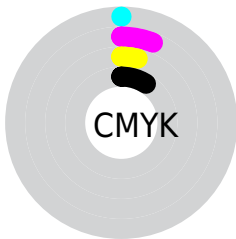
Blue (87%)



Red (91%)

Yellow (86%)

Blue (87%)

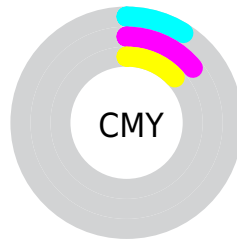


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (9%)



Cyan (9%)

Magenta (14%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.9295, 73.1466, 80.1396 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 71.9295, 73.1466, 80.1396 by changing the saturation by 10% instead.

71.9295, 73.1466,
80.1396

71.9295, 73.1466,
80.1396

456.4576,
471.5227, 515.1223

53.3863, 54.0958,
59.3064

120.9676,
123.6853, 135.3752

38.3400, 38.6783,
42.4382

152.1933,
155.9420, 170.6146

26.4251, 26.5096,
29.1164

188.3772,
193.3696, 211.4932

17.2763, 17.2052,
18.9226

229.8847,
236.3523, 258.4295

10.5282, 10.3809,
11.4381

277.0812,
285.2745, 311.8420

5.8155, 5.6522,
6.2445

330.3319,

2.7728, 2.6348,

340.5208, 372.1493

2.9231

390.0023,
402.4754, 439.7699

■ 1.0348, 0.9442,
1.0555

■ 0.0000, 0.0000,
0.0000

■ 71.9295, 73.1466,
80.1396

■ 71.9295, 73.1466,
80.1396

■ 64.2297, 61.0500,
67.3882

■ 80.6826, 87.0188,
94.2580

■ 57.5366, 50.6478,
55.9576

■ 87.0891, 95.8960,
108.5274

■ 51.8092, 41.8667,
45.8057

■ 47.0012, 34.6242,
36.8863

■ 43.0627, 28.8306,
29.1502

■ 39.9383, 24.3867,
22.5449

■ 37.5665, 21.1808,
17.0133

■ 35.8757, 19.0829,
12.4926

■ 34.7795, 17.9334,
8.9118

Harmonies

Analogous

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



71.5160, 73.1466, 83.5403



71.9295, 73.1466, 80.1396



71.6921, 73.1466, 76.7032

Triad

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



71.9295, 73.1466, 80.1396



68.4890, 73.1466, 73.6543



68.1934, 73.1466, 85.4313

Complementary

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



71.9295, 73.1466, 80.1396



72.0764, 78.3766, 84.7321

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.



67.3994, 73.1466, 82.6594



71.9295, 73.1466, 80.1396



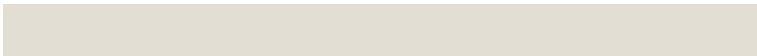
67.5686, 73.1466, 75.8712

Square

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



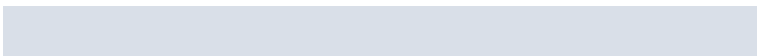
71.9295, 73.1466, 80.1396



69.6964, 73.1466, 73.0244



67.1721, 73.1466, 79.1509



69.3512, 73.1466, 86.6525

Rectangle

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



71.9295, 73.1466, 80.1396



71.1981, 73.1466, 74.8434



67.1721, 73.1466, 79.1509



67.8757, 73.1466, 84.6461

Sweetspot

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



71.9316, 73.1498, 80.1412



92.8810, 96.5637, 105.3975



71.8574, 72.9676, 86.6417



19.9031, 20.7046, 22.5962



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.



71.9316, 73.1498, 80.1412



87.6907, 88.3645, 96.9423



72.0251, 74.1889, 77.5455



14.8750, 14.9387, 16.3966



19.1619, 9.7990, 4.4813



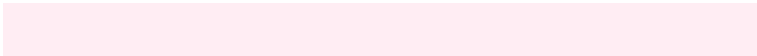
1.4564, 0.7403, 0.5439

Inverse Universe

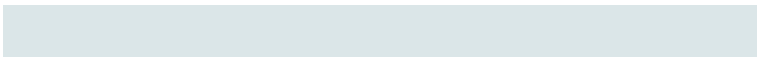
The Inverse Universe completely reimagines the original color for something new.



71.9316, 73.1498, 80.1412



87.6907, 88.3645, 96.9423



71.9716, 77.2688, 87.4659



14.8750, 14.9387, 16.3966



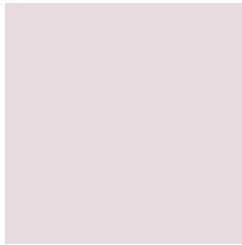
19.1619, 9.7990, 4.4813



1.4564, 0.7403, 0.5439

Previews

White Background



This preview shows how the XYZ color 71.9295, 73.1466, 80.1396 looks on a white background.

Color Contrast Check

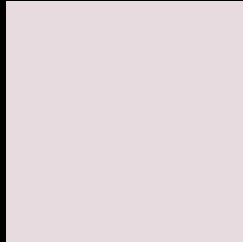
Large Text (above 18pt) WCAG AA × Fail

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 71.9295, 73.1466, 80.1396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

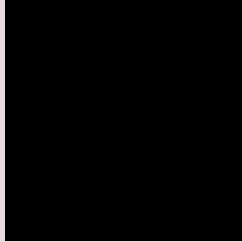
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

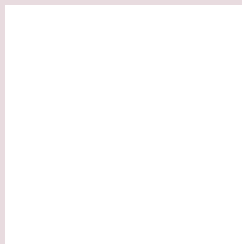
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.9295, 73.1466, 80.1396

Background



This preview shows how black text looks on a background with the XYZ color 71.9295, 73.1466, 80.1396.



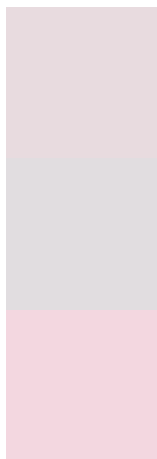
This preview shows how white text looks on a background with the XYZ color 71.9295, 73.1466,

80.1396.

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

71.9295, 73.1466, 80.1396

Protanopia

70.3623, 73.1023, 80.9227

Deuteranopia

74.7171, 73.0374, 80.6806



Tritanopia

73.5958, 73.0586, 88.0647

Trichromacy



Original Color

71.9295, 73.1466, 80.1396

Protanomaly

71.0427, 73.0622, 80.8791

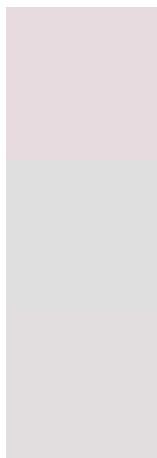
Deuteranomaly

73.6070, 72.8443, 80.7019

Tritanomaly

72.9586, 73.1796, 85.1427

Monochromacy



Original Color

71.9295, 73.1466, 80.1396

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8046, 73.7390, 80.3133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.9295, 73.1466, 80.1396 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(232, 219, 223) looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 223)  
}
```

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(232, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 223) }
```

Border

The CSS property to change the border of an element to XYZ 71.9295, 73.1466, 80.1396 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(232, 219, 223) }
```


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

```
.border{ border-color:rgb(232, 219, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 71.9295, 73.1466, 80.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 223) }
```

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

```
.background{ background-color: rgb(232,  
219, 223) }
```

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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