

Converting Colors

XYZ(72.8617, 73.5108, 80.2383)

Have a look what the booklet for
XYZ(72.8617, 73.5108, 80.2383)
contains.

XYZ(72.9118, 73.6529, 80.1856)	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(72.9118, 73.6529,
80.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDBDF
RGB	235, 219, 223
RGB Percent	92%, 86%, 87%
CMY	0.0784, 0.1412, 0.1255
CMYK	0.00, 0.07, 0.05, 0.08
HSL	345°, 29%, 89%
HSV	345°, 7%, 92%
XYZ	72.9118, 73.6529, 80.1856
YIQ	224.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

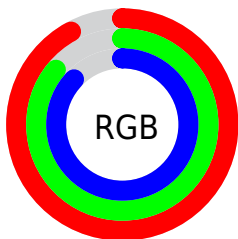
Format	Color
R _Y B	235, 219, 223
Decimal	15457247
CIE Lab	88.76, 6.17, 0.01
CIE LCh	89, 6.166, 0.069
Yxy	73.6529, 0.3216, 0.3248
Android (android.graphics.Color)	4293647327 (0xFFEBDBDF)
YUV	224.2400, -0.6113, 9.4365
Hunter-Lab	85.8213, 1.4623, 4.6783

Details

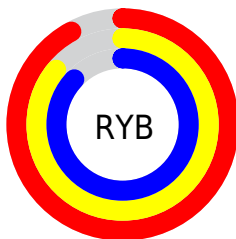
The XYZ color **72.9118, 73.6529, 80.1856** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3484, 80.2483, 87.2289**, and the grayscale version is **71.0250, 74.7238, 81.3742**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9337, 38.9618, 42.5141** is the 20% darker color. If you saturate the color by 10%, you get **64.9544, 61.3452, 66.4107**, and if you desaturate by 10%, it is **81.9864, 87.7969, 95.5557**.

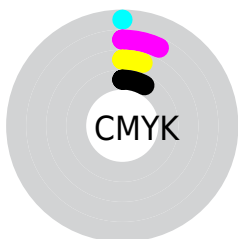
Distribution



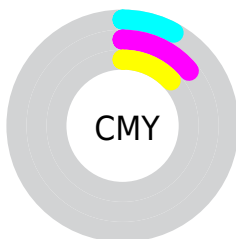
- Red (92%)
- Green (86%)
- Blue (87%)



- Red (92%)
- Yellow (86%)
- Blue (87%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9118, 73.6529, 80.1856 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 72.9118, 73.6529, 80.1856 by changing the saturation by 10% instead.

72.9118, 73.6529,
80.1856

72.9118, 73.6529,
80.1856

459.8176,
473.2745, 515.2813

54.1920, 54.5100,
59.3440

122.3558,
124.4036, 135.4404

38.9864, 39.0095,
42.4683

153.8107,
156.7803, 170.6907

26.9299, 26.7672,
29.1398

190.2413,
194.3369, 211.5810

17.6569, 17.3984,
18.9401

232.0130,
237.4580, 258.5299

10.8021, 10.5190,
11.4507

279.4911,
286.5279, 311.9558

6.0002, 5.7444,
6.2528

333.0410,

2.8859, 2.6903,

341.9311, 372.2773

2.9282

393.0280,
404.0518, 439.9130

■ 1.0937, 0.9723,
1.0581

■ 0.0198, 0.0000,
0.0000

■ 72.9118, 73.6529,
80.1856

■ 72.9118, 73.6529,
80.1856

■ 64.9544, 61.3452,
66.4107

■ 81.9864, 87.7969,
95.5557

■ 58.0643, 50.7892,
54.1746

■ 88.0715, 96.4024,
108.5734

■ 52.1972, 41.9076,
43.4242

■ 47.3029, 34.6138,
34.1019

■ 43.3272, 28.8133,
26.1458

■ 40.2103, 24.4015,
19.4896

■ 37.8849, 21.2602,
14.0610

■ 36.2732, 19.2513,
9.7799

■ 35.2779, 18.1993,
6.5543

Harmonies

Analogous

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



72.5195, 73.6529, 84.3634



72.9118, 73.6529, 80.1856



72.5160, 73.6529, 76.1506

Triad

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



72.9118, 73.6529, 80.1856



68.5779, 73.6529, 73.2960



68.5838, 73.6529, 87.5254

Complementary

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



72.9118, 73.6529, 80.1856



73.3484, 80.2483, 87.2289

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.



67.5524, 73.6529, 84.3811



72.9118, 73.6529, 80.1856



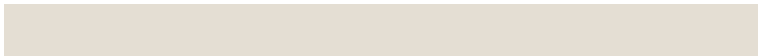
67.5490, 73.6529, 76.1672

Square

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



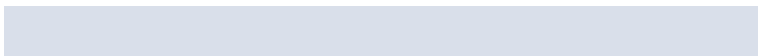
72.9118, 73.6529, 80.1856



70.0014, 73.6529, 72.2601



67.1763, 73.6529, 80.2054



70.0083, 73.6529, 88.6916

Rectangle

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



72.9118, 73.6529, 80.1856



71.8617, 73.6529, 74.0613



67.1763, 73.6529, 80.2054



68.1803, 73.6529, 86.6593

Sweetspot

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



72.9139, 73.6561, 80.1872



92.8346, 96.5451, 105.1529



73.2844, 73.6535, 88.9525



19.8936, 20.7008, 22.5464



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.



72.9139, 73.6561, 80.1872



86.5170, 86.7211, 94.3806



73.4372, 75.5549, 77.7346



15.2198, 15.1158, 16.4428



19.5459, 10.0210, 3.4099



1.5724, 0.8019, 0.4656

Inverse Universe

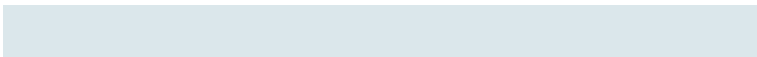
The Inverse Universe completely reimagines the original color for something new.



72.9139, 73.6561, 80.1872



86.5170, 86.7211, 94.3806



72.7873, 78.2124, 89.8586



15.2198, 15.1158, 16.4428



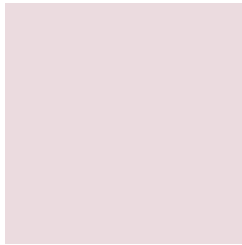
19.5459, 10.0210, 3.4099



1.5724, 0.8019, 0.4656

Previews

White Background



This preview shows how the XYZ color 72.9118, 73.6529, 80.1856 looks on a white background.

Color Contrast Check

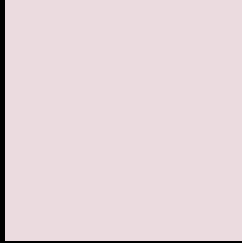
Large Text (above 18pt) WCAG AA × Fail

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 72.9118, 73.6529, 80.1856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

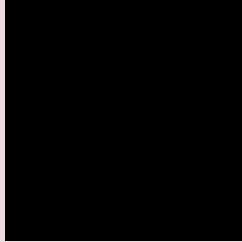
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

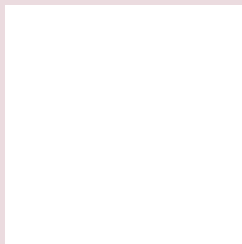
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.9118, 73.6529, 80.1856

Background



This preview shows how black text looks on a background with the XYZ color 72.9118, 73.6529, 80.1856.

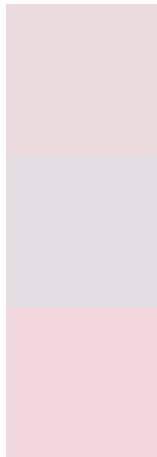


This preview shows how white text looks on a background with the XYZ color 72.9118, 73.6529,

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

72.9118, 73.6529, 80.1856

Protanopia

71.0759, 73.8475, 81.7421

Deuteranopia

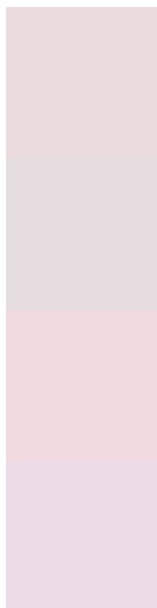
75.3186, 73.7266, 80.7820



Tritanopia

74.5892, 73.5707, 88.1112

Trichromacy



Original Color

72.9118, 73.6529, 80.1856

Protanomaly

71.6241, 73.7527, 80.9817

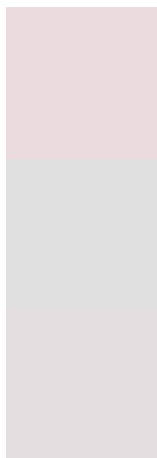
Deuteranomaly

74.5430, 73.7083, 80.8193

Tritanomaly

73.9464, 73.6888, 85.1889

Monochromacy



Original Color

72.9118, 73.6529, 80.1856

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.5707, 74.1184, 81.0551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9118, 73.6529, 80.1856 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(235, 219, 223) looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 219, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 219, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.9118, 73.6529, 80.1856 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(235, 219, 223) }
```


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

```
.border{ border-color:rgb(235, 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(235, 219, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 219, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 219, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 219,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9118, 73.6529, 80.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 219, 223) }
```

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

```
.background{ background-color: rgb(235,  
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](#).

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