

Converting Colors

XYZ(72.1028, 79.4820, 58.5566)

Have a look what the booklet for
XYZ(72.1028, 79.4820, 58.5566)
contains.

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Color

**XYZ(72.0402, 79.3581,
58.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE9BB
RGB	234, 233, 187
RGB Percent	92%, 91%, 73%
CMY	0.0824, 0.0863, 0.2667
CMYK	0.00, 0.00, 0.20, 0.08
HSL	59°, 53%, 83%
HSV	59°, 20%, 92%
XYZ	72.0402, 79.3581, 58.5344
YIQ	228.0550, 15.3620, -14.0940

Conversions

Conversions Part 2

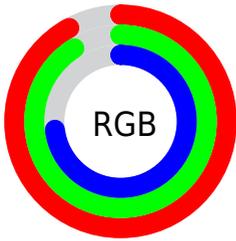
Format	Color
RYB	188, 234, 187
Decimal	15395259
CIELab	91.40, -7.04, 22.54
CIELCh	91, 23.616, 107.334
Yxy	79.3581, 0.3432, 0.3780
Android (android.graphics.Color)	4293585339 (0xFFEAE9BB)
YUV	228.0550, -20.2401, 5.2138
Hunter-Lab	89.0832, -11.5453, 23.4002

Details

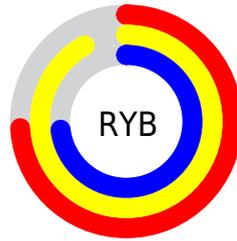
The XYZ color **72.0402, 79.3581, 58.5344** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.3278, 52.4705, 85.1594**, and the grayscale version is **73.9203, 77.7700, 84.6915**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **38.3853, 42.6305, 28.7596** is the 20% darker color. If you saturate the color by 10%, you get **69.5974, 78.1597, 46.3519**, and if you desaturate by 10%, it is **74.8958, 80.7277, 72.8702**.

Distribution



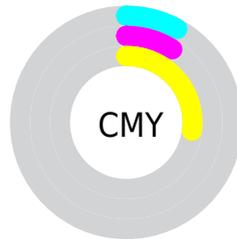
- Red (92%)
- Green (91%)
- Blue (73%)



- Red (74%)
- Yellow (92%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0402, 79.3581, 58.5344 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 72.0402, 79.3581, 58.5344 by changing the saturation by 10% instead.

72.0402, 79.3581,
58.5344

72.0402, 79.3581,
58.5344

456.8370,
492.7669, 436.8280

53.4771, 59.1903,
41.8209

121.1242,
132.4629, 104.2231

38.4128, 42.7663,
28.6365

152.3758,
166.1686, 134.0354

26.4819, 29.7018,
18.5628

188.5875,
205.1558, 169.0510

17.3190, 19.6124,
11.1812

230.1249,
249.8088, 209.6885

10.5589, 12.1136,
6.0732

277.3531,
300.5120, 256.3664

5.8362, 6.8211,
2.8201

330.6377,

2.7854, 3.3505,

357.6499, 309.5033

1.0035

390.3438,
421.6067, 369.5176

■ 1.0413, 1.3173,
0.0000

■ 0.0000, 0.1546,
0.0000

■ 72.0402, 79.3581,
58.5344

■ 72.0402, 79.3581,
58.5344

■ 69.5974, 78.1597,
46.3519

■ 74.8958, 80.7277,
72.8702

■ 67.5414, 77.1139,
36.2137

■ 78.1764, 82.2652,
89.4513

■ 65.8529, 76.2158,
28.0089

■ 81.5448, 83.8384,
106.4923

■ 64.5085, 75.4559,
21.6140

■ 81.6863, 84.1215,
106.5395

63.4819, 74.8238,
16.8912

81.8283, 84.4054,
106.5868

62.7435, 74.3076,
13.6833

81.9707, 84.6901,
106.6343

62.2574, 73.8930,
11.8027

82.1134, 84.9756,
106.6818

61.9646, 73.5581,
10.9323

82.2566, 85.2619,
106.7296

82.4001, 85.5490,
106.7774

Harmonies

Analogous

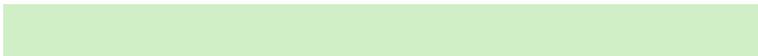
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9872, 79.3581, 57.9986



72.0402, 79.3581, 58.5344



67.2536, 79.3581, 65.8821

Triad

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



72.0402, 79.3581, 58.5344



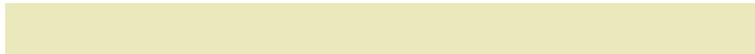
67.8712, 79.3581, 113.0685



87.2603, 79.3581, 93.8615

Complementary

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



72.0402, 79.3581, 58.5344



53.3278, 52.4705, 85.1594

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.



84.2382, 79.3581, 110.8063



72.0402, 79.3581, 58.5344



72.9244, 79.3581, 122.8439

Square

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



72.0402, 79.3581, 58.5344



64.9358, 79.3581, 96.6364



78.9193, 79.3581, 121.9650



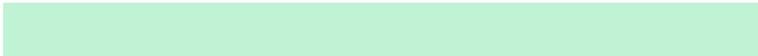
86.9925, 79.3581, 76.9271

Rectangle

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



72.0402, 79.3581, 58.5344



65.2688, 79.3581, 74.2829



78.9193, 79.3581, 121.9650



86.5891, 79.3581, 99.7844

Sweetspot

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



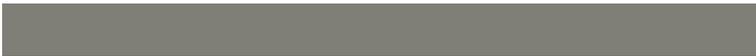
72.0423, 79.3616, 58.5361



92.5804, 98.8471, 96.4045



60.8411, 56.6894, 55.6344



19.7610, 21.1315, 20.3565



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

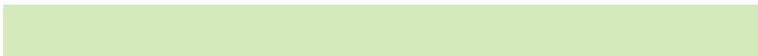
The Same Dimension uses a secret algorithm to generate beautiful new colors.



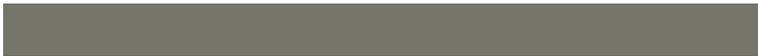
72.0423, 79.3616, 58.5361



86.3034, 95.8425, 64.8720



65.5637, 76.4410, 58.3138



16.3230, 17.5691, 16.0496



34.8332, 41.3606, 6.1475



2.7440, 3.2652, 0.4856

Inverse Universe

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



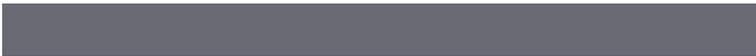
53.3278, 52.4705, 85.1594



59.7832, 57.7357, 102.6009



58.8981, 55.0278, 85.3594



14.2568, 14.6000, 18.9889



8.3872, 3.4214, 43.9613



0.6676, 0.2867, 3.4550

Previews

White Background



This preview shows how the XYZ color 72.0402, 79.3581, 58.5344 looks on a white background.

Color Contrast Check

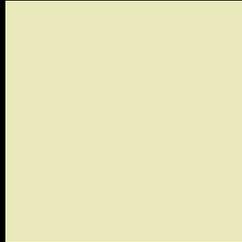
Large Text (above 18pt) WCAG AA × Fail

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 72.0402, 79.3581, 58.5344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

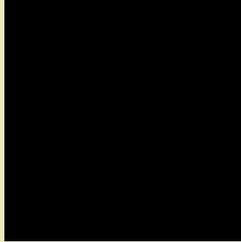
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0402, 79.3581, 58.5344

Background



This preview shows how black text looks on a background with the XYZ color 72.0402, 79.3581, 58.5344.



This preview shows how white text looks on a background with the XYZ color 72.0402, 79.3581,

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

72.0402, 79.3581, 58.5344

Protanopia

74.3620, 79.3295, 57.2918

Deuteranopia

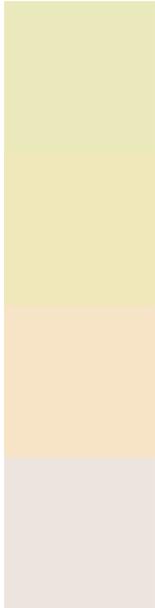
78.7947, 78.9309, 68.2090



Tritanopia

79.3785, 79.0223, 95.8631

Trichromacy



Original Color

72.0402, 79.3581, 58.5344

Protanomaly

73.3740, 79.2223, 57.8786

Deuteranomaly

76.0199, 78.7895, 64.6273

Tritanomaly

76.3226, 78.9917, 81.0363

Monochromacy



Original Color

72.0402, 79.3581, 58.5344

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.9402, 78.2207, 74.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0402, 79.3581, 58.5344 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(234, 233, 187)` looks like.

```
.text, #text, p{  
    color:rgb(234, 233, 187)  
}
```

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(234, 233, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 233, 187) }
```

Border

The CSS property to change the border of an element to XYZ 72.0402, 79.3581, 58.5344 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(234, 233, 187) }
```


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

```
.border{ border-color:rgb(234, 233, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 233, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 233, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 233, 187);  
box-shadow:4px 4px 4px 4px rgb(234, 233,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0402, 79.3581, 58.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 233, 187) }
```

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

```
.background{ background-color: rgb(234,  
233, 187) }
```

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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