

Converting Colors

XYZ(72.3579, 78.5844, 62.9844)

Have a look what the booklet for XYZ(72.3579, 78.5844, 62.9844) contains.

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Color

**XYZ(72.3579, 78.5844,
62.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	EAE7C3
RGB	234, 231, 195
RGB Percent	92%, 91%, 76%
CMY	0.0824, 0.0941, 0.2353
CMYK	0.00, 0.01, 0.17, 0.08
HSL	55°, 48%, 84%
HSV	55°, 17%, 92%
XYZ	72.3579, 78.5844, 62.9844
YIQ	227.7930, 13.3440, -10.5600

Conversions

Conversions Part 2

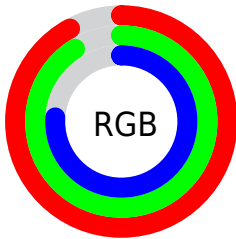
Format	Color
RYB	198, 234, 195
Decimal	15394755
CIELab	91.05, -4.86, 17.92
CIELCh	91, 18.565, 105.167
Yxy	78.5844, 0.3382, 0.3673
Android (android.graphics.Color)	4293584835 (0xFFEAE7C3)
YUV	227.7930, -16.1669, 5.4435
Hunter-Lab	88.6478, -9.4349, 19.9279

Details

The XYZ color **72.3579, 78.5844, 62.9844** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.5508, 57.9295, 85.9906**, and the grayscale version is **73.7009, 77.5390, 84.4400**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.6931, 42.4387, 31.3514** is the 20% darker color. If you saturate the color by 10%, you get **69.4173, 76.6102, 49.9581**, and if you desaturate by 10%, it is **75.7226, 80.7418, 78.1995**.

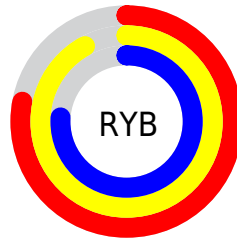
Distribution



Red (92%)

Green (91%)

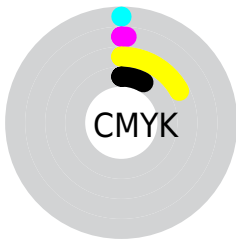
Blue (76%)



Red (78%)

Yellow (92%)

Blue (76%)

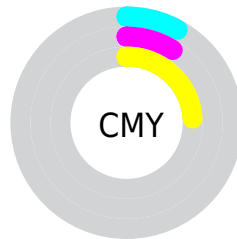


Cyan (0%)

Magenta (1%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.3579, 78.5844, 62.9844 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 72.3579, 78.5844, 62.9844 by changing the saturation by 10% instead.

72.3579, 78.5844,
62.9844

72.3579, 78.5844,
62.9844

457.9247,
490.1493, 453.6193

53.7376, 58.5542,
45.3877

121.5733,
131.3736, 110.7324

38.6218, 42.2543,
31.4177

152.8991,
164.9014, 141.7207

26.6450, 29.3005,
20.6560

189.1908,
203.6971, 178.0099

17.4420, 19.3083,
12.6840

230.8137,
248.1453, 220.0187

10.6474, 11.8932,
7.0832

278.1331,
298.6301, 268.1654

5.8958, 6.6710,
3.4349

331.5146,

2.8219, 3.2572,

355.5362, 322.8688

1.3208

391.3233,
419.2477, 384.5472

■ 1.0603, 1.2675,
0.0787

■ 0.0000, 0.1158,
0.0000

■ 72.3579, 78.5844,
62.9844

■ 72.3579, 78.5844,
62.9844

■ 69.4173, 76.6102,
49.9581

■ 75.7226, 80.7418,
78.1995

■ 66.8751, 74.8010,
39.0141

■ 79.5230, 83.0791,
95.6931

■ 64.7127, 73.1518,
30.0447

■ 82.0916, 84.9320,
106.6746

■ 62.9075, 71.6538,
22.9303

■ 82.6128, 85.9743,
106.8483

■ 61.4341, 70.2966,
17.5387

■ 83.1391, 87.0270,
107.0237

■ 60.2642, 69.0690,
13.7199

■ 83.6707, 88.0902,
107.2009

■ 59.3644, 67.9575,
11.2986

■ 84.2075, 89.1638,
107.3799

■ 58.6924, 66.9453,
10.0523

■ 84.7496, 90.2481,
107.5606

■ 58.4959, 66.6206,
9.7760

■ 85.2970, 91.3428,
107.7430

Harmonies

Analogous

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



77.0241, 78.5844, 62.9526



72.3579, 78.5844, 62.9844



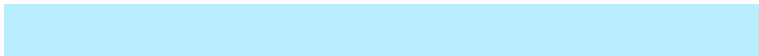
68.4789, 78.5844, 68.6205

Triad

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



72.3579, 78.5844, 62.9844



68.5140, 78.5844, 105.2142



83.7512, 78.5844, 92.3469

Complementary

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



72.3579, 78.5844, 62.9844



57.5508, 57.9295, 85.9906

Split Complementary

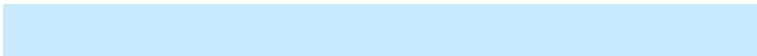
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2702, 78.5844, 105.0918



72.3579, 78.5844, 62.9844



72.4077, 78.5844, 113.0319

Square

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



72.3579, 78.5844, 62.9844



66.3237, 78.5844, 92.5003



77.0760, 78.5844, 112.9849



83.7365, 78.5844, 78.9854

Rectangle

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



72.3579, 78.5844, 62.9844



66.8048, 78.5844, 75.1725



77.0760, 78.5844, 112.9849



83.1770, 78.5844, 96.8738

Sweetspot

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



72.3600, 78.5879, 62.9861



92.7531, 98.5828, 98.3412



63.6695, 60.6124, 61.9221



19.7862, 21.0591, 20.7436



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.



72.3600, 78.5879, 62.9861



86.6624, 94.6663, 70.8316



68.1126, 77.6533, 63.0295



16.2472, 17.4174, 16.0243



32.9135, 37.5212, 5.5076



2.6140, 3.0053, 0.4423

Inverse Universe

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



57.5508, 57.9295, 85.9906



65.4873, 65.1283, 103.7272



61.3029, 58.8576, 85.9720



14.3241, 14.7347, 19.0114



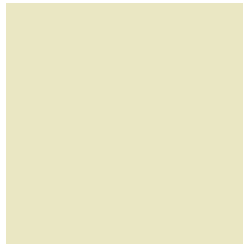
8.5014, 3.6497, 43.9994



0.7000, 0.3514, 3.4658

Previews

White Background



This preview shows how the XYZ color 72.3579, 78.5844, 62.9844 looks on a white background.

Color Contrast Check

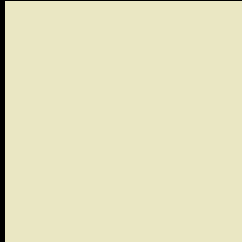
Large Text (above 18pt) WCAG AA × Fail

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 72.3579, 78.5844, 62.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

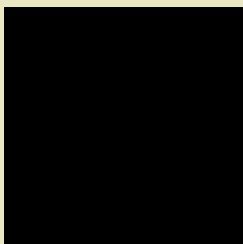
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

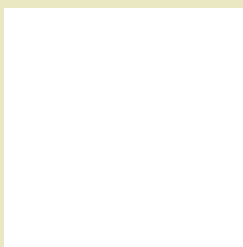
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.3579, 78.5844, 62.9844

Background



This preview shows how black text looks on a background with the XYZ color 72.3579, 78.5844, 62.9844.

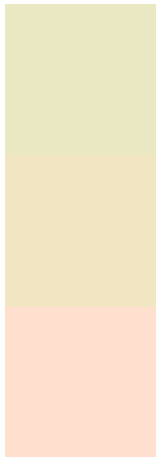


This preview shows how white text looks on a background with the XYZ color 72.3579, 78.5844, 62.9844.

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

72.3579, 78.5844, 62.9844

Protanopia

74.0325, 78.6344, 62.3150

Deuteranopia

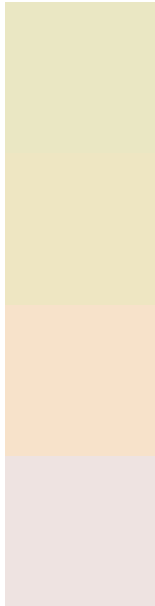
78.7683, 78.4916, 69.3914



Tritanopia

78.6178, 78.2474, 94.9640

Trichromacy



Original Color

72.3579, 78.5844, 62.9844

Protanomaly

73.2943, 78.6658, 62.3599

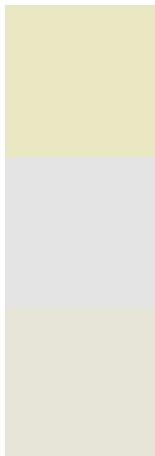
Deuteranomaly

76.2148, 78.4311, 66.9989

Tritanomaly

76.3196, 78.5516, 82.3737

Monochromacy



Original Color

72.3579, 78.5844, 62.9844

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0471, 77.8195, 76.1364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.3579, 78.5844, 62.9844 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, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 231, 195)  
}
```

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, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 231, 195) }
```

Border

The CSS property to change the border of an element to XYZ 72.3579, 78.5844, 62.9844 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, 231, 195) }
```


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

```
.border{ border-color:rgb(234, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 231,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 72.3579, 78.5844, 62.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 231, 195) }
```

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

```
.background{ background-color: rgb(234,  
231, 195) }
```

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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