

Converting Colors

XYZ(51.0101, 46.0482, 40.7767)

Have a look what the booklet for
XYZ(51.0101, 46.0482, 40.7767)
contains.

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Color

**XYZ(51.1700, 46.1291,
40.8572)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A7A3
RGB	224, 167, 163
RGB Percent	88%, 65%, 64%
CMY	0.1216, 0.3451, 0.3608
CMYK	0.00, 0.25, 0.27, 0.12
HSL	4°, 50%, 76%
HSV	4°, 27%, 88%
XYZ	51.1700, 46.1291, 40.8572
YIQ	183.5870, 35.2560, 10.8400

Conversions

Conversions Part 2

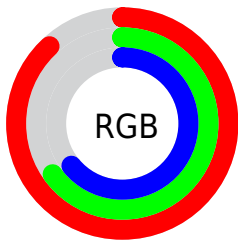
Format	Color
R _Y B	224, 167, 163
Decimal	14722979
CIE Lab	73.63, 20.42, 10.28
CIE LCh	74, 22.859, 26.718
Yxy	46.1291, 0.3704, 0.3339
Android (android.graphics.Color)	4292913059 (0xFFE0A7A3)
YUV	183.5870, -10.1494, 35.4422
Hunter-Lab	67.9184, 15.6254, 11.8762

Details

The XYZ color **51.1700, 46.1291, 40.8572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1511, 64.3525, 80.0882**, and the grayscale version is **45.3738, 47.7368, 51.9854**.

A 20% lighter version of the original color is **80.0162, 78.5645, 77.2768**, and **25.1484, 21.7340, 17.9085** is the 20% darker color. If you saturate the color by 10%, you get **45.8092, 38.3399, 30.0300**, and if you desaturate by 10%, it is **57.5093, 55.3058, 53.7654**.

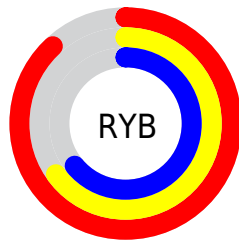
Distribution



Red (88%)

Green (65%)

Blue (64%)



Red (88%)

Yellow (65%)

Blue (64%)

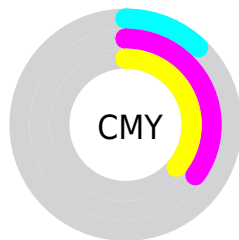


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1700, 46.1291, 40.8572 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 51.1700, 46.1291, 40.8572 by changing the saturation by 10% instead.


 51.1700, 46.1291,
40.8572


 51.1700, 46.1291,
40.8572


381.6007,
371.3274, 365.3824

 36.5655, 32.3477,
27.8887


 91.0875, 84.4122,
77.7184

 25.0434, 21.6272,
18.0034

 117.1312,
109.6826, 102.4481

 16.2383, 13.5832,
10.7830

147.7188,
139.5516, 131.9353

 9.7848, 7.8314,
5.8088

183.2154,
174.4034, 166.5985

 5.3177, 3.9872,
2.6622

223.9866,
214.6225, 206.8563

 2.4715, 1.6664,
0.9243

270.3976,

 0.8809, 0.4018,

260.5933, 253.1272

0.0000

322.8139,
312.7001, 305.8297

■ 0.0000, 0.0000,
0.0000

■ 51.1700, 46.1291,
40.8572

■ 51.1700, 46.1291,
40.8572

■ 45.8092, 38.3399,
30.0300

■ 57.5093, 55.3058,
53.7654

■ 41.3747, 31.8646,
21.1721

■ 64.8685, 65.9262,
68.8525

■ 37.8149, 26.6326,
14.1660

■ 73.2913, 78.0509,
86.2137

■ 35.0718, 22.5644,
8.8802

■ 82.8175, 91.7356,
105.9376

■ 33.0802, 19.5707,
5.1661

■ 84.5505, 94.5873,
108.4086

■ 31.7652, 17.5498,
2.8499

■ 31.0335, 16.3790,
1.7039

■ 30.9072, 16.1807,
1.4942

Harmonies

Analogous

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



52.0823, 46.1291, 51.5136



51.1700, 46.1291, 40.8572



48.2554, 46.1291, 33.8026

Triad

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



51.1700, 46.1291, 40.8572



37.6546, 46.1291, 38.9613



43.4003, 46.1291, 75.9275

Complementary

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



51.1700, 46.1291, 40.8572



54.1511, 64.3525, 80.0882

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.



39.7106, 46.1291, 71.2593



51.1700, 46.1291, 40.8572



36.5243, 46.1291, 48.9615

Square

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



51.1700, 46.1291, 40.8572



40.4375, 46.1291, 32.8321



37.2535, 46.1291, 60.9293



47.4374, 46.1291, 72.8826

Rectangle

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



51.1700, 46.1291, 40.8572



45.6568, 46.1291, 31.5069



37.2535, 46.1291, 60.9293



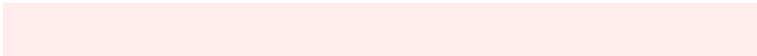
42.0805, 46.1291, 75.1927

Sweetspot

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



51.1712, 46.1313, 40.8581



86.1556, 87.1910, 90.5833



56.8824, 47.2599, 74.4958



18.1051, 18.1784, 18.6989



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.



51.1712, 46.1313, 40.8581



64.1752, 55.3923, 45.7625



57.2158, 58.2204, 42.8730



13.7791, 13.8442, 14.2527



18.0193, 9.4765, 0.8794



1.2748, 0.7084, 0.0696

Inverse Universe

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



54.1511, 64.3525, 80.0882



68.8348, 83.9068, 107.1754



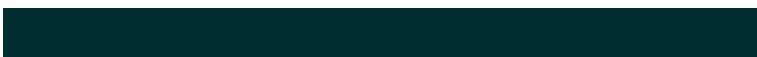
47.0703, 50.1910, 77.7280



14.0355, 15.4101, 17.6224



21.1785, 29.8266, 45.6892



1.4915, 2.1145, 3.1748

Previews

White Background



This preview shows how the XYZ color 51.1700, 46.1291, 40.8572 looks on a white background.

Color Contrast Check

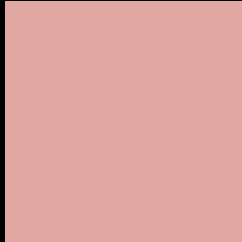
Large Text (above 18pt) WCAG AA × Fail

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 51.1700, 46.1291, 40.8572 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 51.1700, 46.1291, 40.8572

Background



This preview shows how black text looks on a background with the XYZ color 51.1700, 46.1291, 40.8572.



This preview shows how white text looks on a background with the XYZ color 51.1700, 46.1291,

40.8572.

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

51.1700, 46.1291, 40.8572

Protanopia

44.2731, 46.5148, 44.6750

Deuteranopia

47.3052, 46.3904, 40.6434



Tritanopia

52.7550, 46.2533, 47.7423

Trichromacy



Original Color

51.1700, 46.1291, 40.8572

Protanomaly

46.3198, 46.1200, 43.0200

Deuteranomaly

48.7147, 46.2598, 40.5439

Tritanomaly

52.1339, 46.2585, 45.2108

Monochromacy



Original Color

51.1700, 46.1291, 40.8572

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.3101, 47.1175, 47.6754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1700, 46.1291, 40.8572 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(224, 167, 163)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 163)  
}
```

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(224, 167, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 163) }
```

Border

The CSS property to change the border of an element to XYZ 51.1700, 46.1291, 40.8572 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(224, 167, 163) }
```


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

```
.border{ border-color:rgb(224, 167, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 167, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 167, 163); box-shadow:4px 4px 4px 4px rgb(224, 167, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1700, 46.1291, 40.8572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 163) }
```

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

```
.background{ background-color: rgb(224,  
167, 163) }
```

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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