

Converting Colors

XYZ(52.7752, 50.5983, 31.4110)

Have a look what the booklet for
XYZ(52.7752, 50.5983, 31.4110)
contains.

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Color

**XYZ(52.7752, 50.5983,
31.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B38B
RGB	228, 179, 139
RGB Percent	89%, 70%, 55%
CMY	0.1059, 0.2980, 0.4549
CMYK	0.00, 0.21, 0.39, 0.11
HSL	27°, 62%, 72%
HSV	27°, 39%, 89%
XYZ	52.7752, 50.5983, 31.4110
YIQ	189.0910, 42.0440, -2.0520

Conversions

Conversions Part 2

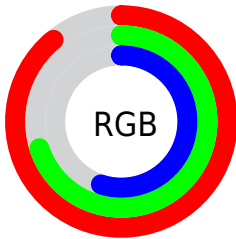
Format	Color
R _Y B	228, 212, 139
Decimal	14988171
CIE Lab	76.44, 12.53, 27.22
CIE LCh	76, 29.967, 65.275
Yxy	50.5983, 0.3916, 0.3754
Android (android.graphics.Color)	4293178251 (0xFFE4B38B)
YUV	189.0910, -24.6949, 34.1232
Hunter-Lab	71.1325, 7.9524, 23.6112

Details

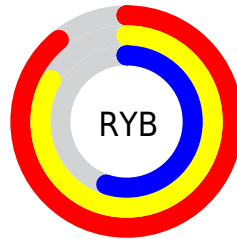
The XYZ color **52.7752, 50.5983, 31.4110** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.6335, 47.0550, 80.2342**, and the grayscale version is **48.5430, 51.0710, 55.6163**.

A 20% lighter version of the original color is **80.5740, 84.5269, 62.5207**, and **26.0586, 24.3009, 12.7683** is the 20% darker color. If you saturate the color by 10%, you get **48.8780, 45.1976, 22.7324**, and if you desaturate by 10%, it is **57.2514, 56.6008, 41.9976**.

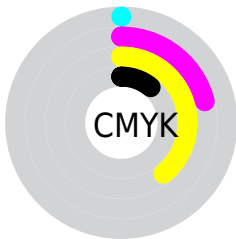
Distribution



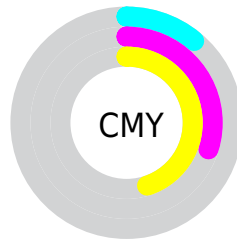
- Red (89%)
- Green (70%)
- Blue (55%)



- Red (89%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (11%)




- Cyan (11%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7752, 50.5983, 31.4110 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 52.7752, 50.5983, 31.4110 by changing the saturation by 10% instead.


 52.7752, 50.5983,
31.4110


 52.7752, 50.5983,
31.4110


387.6971,
389.0011, 322.8370


 37.8501, 35.8890,
20.6509


 93.4410, 91.0607,
62.9737

 26.0431, 24.3485,
12.6803


 119.9124,
117.5826, 84.6134

 16.9887, 15.5923,
7.0807


 150.9632,
148.8109, 110.7168

 10.3217, 9.2361,
3.4334


186.9589,
185.1299, 141.7023

 5.6767, 4.8955,
1.3200

228.2648,
226.9240, 177.9886

 2.6883, 2.1861,
0.0781

275.2462,

 0.9911, 0.7124,

274.5777, 219.9941

0.0000

328.2685,
328.4752, 268.1374

■ 0.0000, 0.0000,
0.0000

■ 52.7752, 50.5983,
31.4110

■ 52.7752, 50.5983,
31.4110

■ 48.8780, 45.1976,
22.7324

■ 57.2514, 56.6008,
41.9976

■ 45.5281, 40.3706,
15.8422

■ 62.3286, 63.2175,
54.5959

■ 42.6962, 36.0974,
10.6116

■ 68.0319, 70.4694,
69.3055

■ 40.3482, 32.3536,
6.8932

■ 74.3841, 78.3744,
86.2187

■ 38.4444, 29.1123,
4.5128

■ 81.4065, 86.9494,
105.4221

■ 36.9268, 26.3386,
3.2008

■ 85.5867, 94.7976,
108.3946

■ 36.7940, 26.0923,
3.0971

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



57.5063, 50.5983, 39.0238



52.7752, 50.5983, 31.4110



47.1014, 50.5983, 29.5794

Triad

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



52.7752, 50.5983, 31.4110



38.0757, 50.5983, 57.9999



54.6351, 50.5983, 84.5585

Complementary

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



52.7752, 50.5983, 31.4110



42.6335, 47.0550, 80.2342

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.



49.0967, 50.5983, 92.1950



52.7752, 50.5983, 31.4110



39.7660, 50.5983, 75.0599

Square

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



52.7752, 50.5983, 31.4110



38.8935, 50.5983, 43.0898



43.6947, 50.5983, 88.4176



58.6376, 50.5983, 69.1407

Rectangle

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



52.7752, 50.5983, 31.4110



43.6062, 50.5983, 31.4978



43.6947, 50.5983, 88.4176



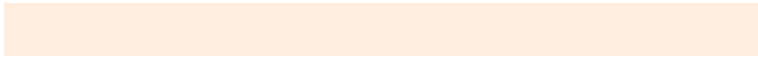
52.8757, 50.5983, 88.2448

Sweetspot

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



52.7765, 50.6007, 31.4120



85.3684, 87.9027, 83.2733



50.4602, 38.6527, 53.1926



18.0626, 18.5488, 17.2804



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.



52.7765, 50.6007, 31.4120



63.8261, 59.4182, 31.0819



62.7941, 70.6360, 34.7512



14.9078, 15.4294, 15.0969



21.3610, 15.2961, 1.8266



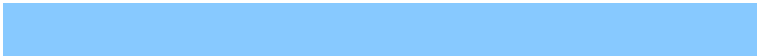
1.6701, 1.3136, 0.1655

Inverse Universe

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



42.6335, 47.0550, 80.2342



48.9823, 54.2163, 102.4909



34.7667, 31.3214, 77.6119



14.2373, 15.1959, 18.3271



12.4787, 12.0195, 44.0455



1.0146, 1.0731, 3.2856

Previews

White Background



This preview shows how the XYZ color 52.7752, 50.5983, 31.4110 looks on a white background.

Color Contrast Check

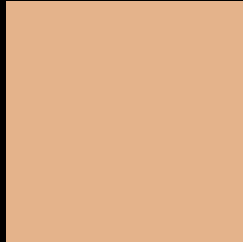
Large Text (above 18pt) WCAG AA × Fail

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 52.7752, 50.5983, 31.4110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

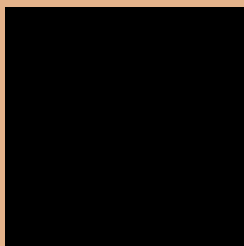
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7752, 50.5983, 31.4110

Background



This preview shows how black text looks on a background with the XYZ color 52.7752, 50.5983, 31.4110.



This preview shows how white text looks on a background with the XYZ color 52.7752, 50.5983,

31.4110.

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

52.7752, 50.5983, 31.4110

Protanopia

47.5126, 50.9349, 33.3138

Deuteranopia

51.6155, 50.5998, 31.4724



Tritanopia

57.4108, 50.7559, 53.2254

Trichromacy



Original Color

52.7752, 50.5983, 31.4110

Protanomaly

49.0954, 50.4998, 32.7510

Deuteranomaly

52.0328, 50.5141, 31.4339

Tritanomaly

55.4464, 50.5134, 44.3638

Monochromacy



Original Color

52.7752, 50.5983, 31.4110

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.3282, 50.3347, 45.6438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7752, 50.5983, 31.4110 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(228, 179, 139)` looks like.

```
.text, #text, p{  
    color:rgb(228, 179, 139)  
}
```

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(228, 179, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 179, 139) }
```

Border

The CSS property to change the border of an element to XYZ 52.7752, 50.5983, 31.4110 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(228, 179, 139) }
```


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

```
.border{ border-color:rgb(228, 179, 139) }
```

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

Here you see how a box with a 4 pixel rgb(228, 179, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 179, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 179, 139);  
box-shadow:4px 4px 4px 4px rgb(228, 179,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7752, 50.5983, 31.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 179, 139) }
```

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

```
.background{ background-color: rgb(228,  
179, 139) }
```

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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