

Converting Colors

XYZ(62.8171, 62.3898, 54.0790)

Have a look what the booklet for
XYZ(62.8171, 62.3898, 54.0790)
contains.

XYZ(62.8171, 62.3898, 54.0790)	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(62.8171, 62.3898,
54.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C9B8
RGB	232, 201, 184
RGB Percent	91%, 79%, 72%
CMY	0.0902, 0.2117, 0.2784
CMYK	0.00, 0.13, 0.21, 0.09
HSL	21°, 51%, 82%
HSV	21°, 21%, 91%
XYZ	62.8171, 62.3898, 54.0790
YIQ	208.3310, 23.9330, 1.2850

Conversions

Conversions Part 2

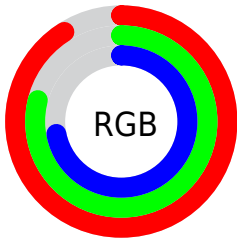
Format	Color
R _Y B	232, 210, 184
Decimal	15255992
CIE Lab	83.12, 8.29, 12.51
CIE LCh	83, 15.005, 56.482
Yxy	62.3898, 0.3504, 0.3480
Android (android.graphics.Color)	4293446072 (0xFFE8C9B8)
YUV	208.3310, -11.9952, 20.7577
Hunter-Lab	78.9872, 3.7302, 14.6978

Details

The XYZ color **62.8171, 62.3898, 54.0790** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.6326, 64.6158, 85.7262**, and the grayscale version is **60.2349, 63.3718, 69.0119**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **32.4349, 31.7362, 25.8889** is the 20% darker color. If you saturate the color by 10%, you get **57.2585, 54.8503, 41.1958**, and if you desaturate by 10%, it is **69.1186, 70.7758, 69.1789**.

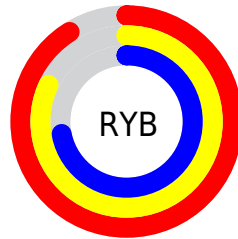
Distribution



Red (91%)

Green (79%)

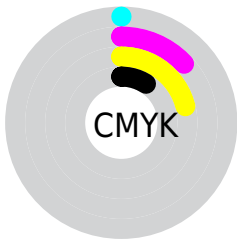
Blue (72%)



Red (91%)

Yellow (82%)

Blue (72%)

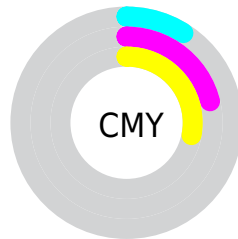


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (21%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8171, 62.3898, 54.0790 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 62.8171, 62.3898, 54.0790 by changing the saturation by 10% instead.


 62.8171, 62.3898,
54.0790

 62.8171, 62.3898,
54.0790


424.5756,
433.3515, 419.5943

 45.9514, 45.3477,
38.2712


 107.9889,
108.2887, 97.6478

 32.4119, 31.7314,
25.8898


137.0257,
137.9143, 126.2459

 21.8334, 21.1564,
16.5162


170.8501,
172.5033, 159.9445

 13.8504, 13.2384,
9.7319


209.8277,
212.4399, 199.1622

 8.0977, 7.5929,
5.1183

254.3236,
258.1087, 244.3175

 4.2099, 3.8356,
2.2569

304.7034,

 1.8215, 1.5820,

309.8940, 295.8289

0.7069

361.3322,
368.1801, 354.1150

■ 0.5306, 0.3454,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8171, 62.3898,
54.0790

■ 62.8171, 62.3898,
54.0790

■ 57.2585, 54.8503,
41.1958

■ 69.1186, 70.7758,
69.1789

■ 52.4086, 48.1216,
30.4199

■ 76.1853, 80.0256,
86.5901

■ 48.2380, 42.1778,
21.6383

■ 84.0449, 90.1668,
106.4062

■ 44.7128, 36.9884,
14.7260

■ 87.0889, 95.8959,
108.5274

■ 41.7960, 32.5205,
9.5432

■ 39.4461, 28.7386,
5.9307

■ 37.6153, 25.6032,
3.6984

■ 36.3105, 23.2190,
2.5679

Harmonies

Analogous

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



65.0697, 62.3898, 60.2610



62.8171, 62.3898, 54.0790



59.6838, 62.3898, 51.5913

Triad

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



62.8171, 62.3898, 54.0790



53.2795, 62.3898, 66.8398



62.1296, 62.3898, 85.2398

Complementary

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



62.8171, 62.3898, 54.0790



58.6326, 64.6158, 85.7262

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.



58.9171, 62.3898, 87.4029



62.8171, 62.3898, 54.0790



53.8812, 62.3898, 76.2275

Square

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



62.8171, 62.3898, 54.0790



54.2416, 62.3898, 58.5223



55.9160, 62.3898, 83.9689



64.6627, 62.3898, 78.2996

Rectangle

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



62.8171, 62.3898, 54.0790



57.5446, 62.3898, 52.1775



55.9160, 62.3898, 83.9689



61.0900, 62.3898, 86.5756

Sweetspot

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



62.8188, 62.3926, 54.0803



89.6124, 92.9110, 95.4151



62.7113, 56.3541, 71.9976



19.0586, 19.7267, 20.1224



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.



62.8188, 62.3926, 54.0803



74.6761, 73.0418, 59.5972



68.8022, 74.3594, 56.0748



14.7926, 15.1992, 15.0585



20.2656, 13.1054, 1.4615



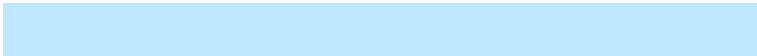
1.5826, 1.1386, 0.1364

Inverse Universe

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



58.6326, 64.6158, 85.7262



68.5726, 76.2764, 105.7164



53.0079, 53.3663, 83.8513



14.3554, 15.4321, 18.3664



14.2471, 15.5563, 44.6349



1.1395, 1.3230, 3.3273

Previews

White Background



This preview shows how the XYZ color 62.8171, 62.3898, 54.0790 looks on a white background.

Color Contrast Check

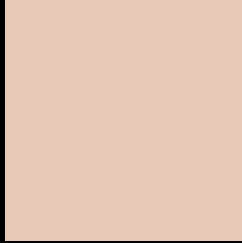
Large Text (above 18pt) WCAG AA × Fail

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 62.8171, 62.3898, 54.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

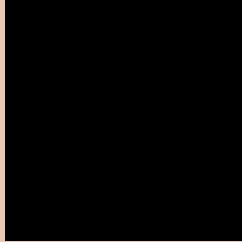
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8171, 62.3898, 54.0790

Background



This preview shows how black text looks on a background with the XYZ color 62.8171, 62.3898, 54.0790.



This preview shows how white text looks on a background with the XYZ color 62.8171, 62.3898,

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

62.8171, 62.3898, 54.0790

Protanopia

59.6014, 62.8124, 55.9964

Deuteranopia

63.8981, 62.6021, 54.0630



Tritanopia

66.1109, 62.3481, 70.8373

Trichromacy



Original Color

62.8171, 62.3898, 54.0790

Protanomaly

60.8184, 62.7374, 55.3584

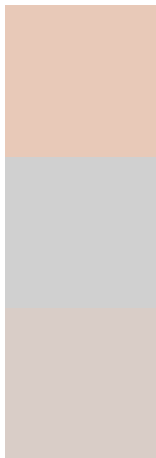
Deuteranomaly

63.5670, 62.4314, 54.0475

Tritanomaly

64.7864, 62.1449, 64.4577

Monochromacy



Original Color

62.8171, 62.3898, 54.0790

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.7554, 62.5379, 62.9017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8171, 62.3898, 54.0790 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(232, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(232, 201, 184)  
}
```

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(232, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 201, 184) }
```

Border

The CSS property to change the border of an element to XYZ 62.8171, 62.3898, 54.0790 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(232, 201, 184) }
```


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

```
.border{ border-color:rgb(232, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 201, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 201, 184);  
box-shadow:4px 4px 4px 4px rgb(232, 201,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8171, 62.3898, 54.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 201, 184) }
```

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

```
.background{ background-color: rgb(232,  
201, 184) }
```

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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