

Converting Colors

XYZ(54.4683, 50.6755, 40.6288)

Have a look what the booklet for
XYZ(54.4683, 50.6755, 40.6288)
contains.

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Color

**XYZ(54.4683, 50.6755,
40.6288)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B1A1
RGB	229, 177, 161
RGB Percent	90%, 69%, 63%
CMY	0.1020, 0.3059, 0.3686
CMYK	0.00, 0.23, 0.30, 0.10
HSL	14°, 57%, 76%
HSV	14°, 30%, 90%
XYZ	54.4683, 50.6755, 40.6288
YIQ	190.7240, 36.1280, 6.0480

Conversions

Conversions Part 2

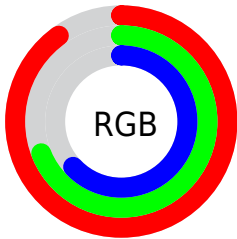
Format	Color
R _Y B	229, 182, 161
Decimal	15053217
CIE Lab	76.48, 16.68, 15.47
CIE LCh	76, 22.746, 42.836
Yxy	50.6755, 0.3737, 0.3476
Android (android.graphics.Color)	4293243297 (0xFFE5B1A1)
YUV	190.7240, -14.6539, 33.5681
Hunter-Lab	71.1867, 12.0019, 15.9918

Details

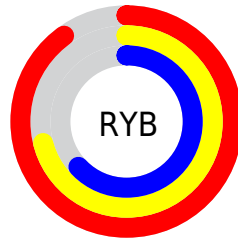
The XYZ color **54.4683, 50.6755, 40.6288** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.6344, 60.8209, 83.0945**, and the grayscale version is **49.4300, 52.0042, 56.6326**.

A 20% lighter version of the original color is **82.7736, 84.4957, 76.9124**, and **26.9812, 24.2901, 17.7344** is the 20% darker color. If you saturate the color by 10%, you get **49.3915, 43.4630, 29.8693**, and if you desaturate by 10%, it is **60.3615, 58.9283, 53.4862**.

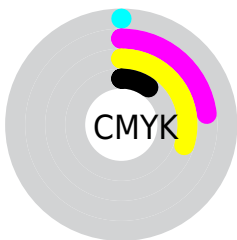
Distribution



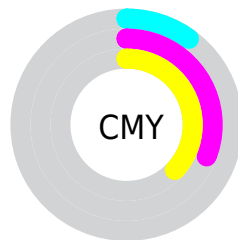
- Red (90%)
- Green (69%)
- Blue (63%)



- Red (90%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (10%)





- Cyan (10%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4683, 50.6755, 40.6288 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 54.4683, 50.6755, 40.6288 by changing the saturation by 10% instead.


 54.4683, 50.6755,
40.6288


 54.4683, 50.6755,
40.6288


394.0625,
389.3017, 364.3974

 39.2083, 35.9504,
27.7116

 95.9144, 91.1749,
77.3676

 27.1033, 24.3959,
17.8713


 122.8312,
117.7181, 102.0263

 17.7878, 15.6276,
10.6891


154.3643,
148.9693, 131.4360

 10.8965, 9.2610,
5.7467

190.8792,
185.3132, 166.0152

 6.0641, 4.9118,
2.6254

232.7411,
227.1339, 206.1823

 2.9251, 2.1956,
0.9055

280.3154,

 1.1143, 0.7176,

274.8160, 252.3561

0.0000

333.9674,
328.7438, 304.9549

■ 0.0370, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4683, 50.6755,
40.6288

■ 54.4683, 50.6755,
40.6288

■ 49.3915, 43.4630,
29.8693

■ 60.3615, 58.9283,
53.4862

■ 45.0901, 37.2421,
21.0924

■ 67.1015, 68.2535,
68.5420

■ 41.5255, 31.9707,
14.1767

■ 74.7223, 78.6905,
85.8939

■ 38.6539, 27.6008,
8.9860

■ 83.2545, 90.2747,
105.6329

■ 36.4266, 24.0799,
5.3649

■ 86.1232, 95.3981,
108.4822

■ 34.7877, 21.3499,
3.1300

■ 33.6565, 19.3385,
1.9789

■ 33.6276, 19.2869,
1.9504

Harmonies

Analogous

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



56.6603, 50.6755, 50.0954



54.4683, 50.6755, 40.6288



50.6400, 50.6755, 35.5505

Triad

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



54.4683, 50.6755, 40.6288



40.7092, 50.6755, 48.4977



50.0207, 50.6755, 81.5514

Complementary

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



54.4683, 50.6755, 40.6288



52.6344, 60.8209, 83.0945

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.



45.7731, 50.6755, 80.9540



54.4683, 50.6755, 40.6288



40.5653, 50.6755, 60.5911

Square

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



54.4683, 50.6755, 40.6288



42.7743, 50.6755, 39.6093



42.3688, 50.6755, 72.8396



53.9918, 50.6755, 74.3675

Rectangle

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



54.4683, 50.6755, 40.6288



47.7587, 50.6755, 34.7930



42.3688, 50.6755, 72.8396



48.5747, 50.6755, 82.2817

Sweetspot

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



54.4696, 50.6779, 40.6298



86.2277, 87.9192, 88.8066



57.0856, 46.9592, 69.0953



18.1697, 18.4239, 18.3619



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.



54.4696, 50.6779, 40.6298



65.1772, 58.5284, 42.6062



62.0077, 65.7540, 43.1425



14.6509, 14.9158, 15.0113



19.3034, 11.1810, 1.1407



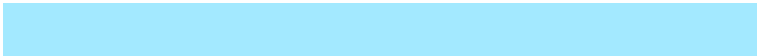
1.4968, 0.9668, 0.1077

Inverse Universe

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



52.6344, 60.8209, 83.0945



62.4458, 73.5288, 105.5090



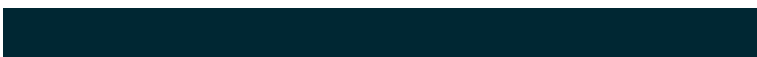
44.9882, 45.5285, 80.5458



14.5049, 15.7311, 18.4163



16.9593, 20.9806, 45.5390



1.3229, 1.6898, 3.3884

Previews

White Background



This preview shows how the XYZ color 54.4683, 50.6755, 40.6288 looks on a white background.

Color Contrast Check

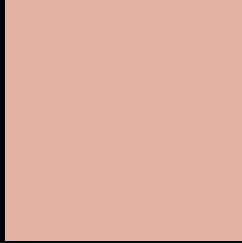
Large Text (above 18pt) WCAG AA × Fail

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 54.4683, 50.6755, 40.6288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

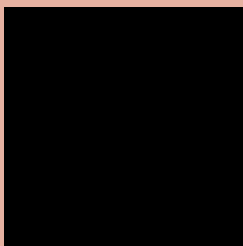
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4683, 50.6755, 40.6288

Background



This preview shows how black text looks on a background with the XYZ color 54.4683, 50.6755, 40.6288.



This preview shows how white text looks on a background with the XYZ color 54.4683, 50.6755,

40.6288.

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

54.4683, 50.6755, 40.6288

Protanopia

48.2470, 50.7622, 43.8144

Deuteranopia

51.6884, 50.7457, 40.3283



Tritanopia

57.1919, 50.6308, 53.7721

Trichromacy



Original Color

54.4683, 50.6755, 40.6288

Protanomaly

50.2265, 50.5529, 42.7078

Deuteranomaly

52.4852, 50.5527, 40.2491

Tritanomaly

56.1269, 50.4754, 48.9040

Monochromacy



Original Color

54.4683, 50.6755, 40.6288

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9740, 51.3922, 50.4131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4683, 50.6755, 40.6288 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(229, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(229, 177, 161)  
}
```

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(229, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 177, 161) }
```

Border

The CSS property to change the border of an element to XYZ 54.4683, 50.6755, 40.6288 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(229, 177, 161) }
```


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

```
.border{ border-color:rgb(229, 177, 161) }
```

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

Here you see how a box with a 4 pixel rgb(229, 177, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(229, 177,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4683, 50.6755, 40.6288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 177, 161) }
```

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

```
.background{ background-color: rgb(229,  
177, 161) }
```

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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