

Converting Colors

XYZ(54.0010, 48.7983, 34.5483)

Have a look what the booklet for
XYZ(54.0010, 48.7983, 34.5483)
contains.

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Color

**XYZ(54.1692, 48.9261,
34.6056)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAB94
RGB	235, 171, 148
RGB Percent	92%, 67%, 58%
CMY	0.0784, 0.3294, 0.4196
CMYK	0.00, 0.27, 0.37, 0.08
HSL	16°, 69%, 75%
HSV	16°, 37%, 92%
XYZ	54.1692, 48.9261, 34.6056
YIQ	187.5140, 45.5270, 6.4150

Conversions

Conversions Part 2

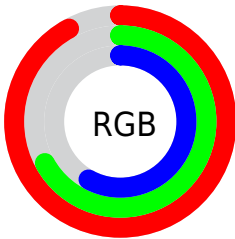
Format	Color
R _Y B	235, 179, 148
Decimal	15444884
CIE Lab	75.41, 20.56, 21.11
CIE LCh	75, 29.466, 45.755
Yxy	48.9261, 0.3934, 0.3553
Android (android.graphics.Color)	4293634964 (0xFFEBAB94)
YUV	187.5140, -19.4804, 41.6452
Hunter-Lab	69.9472, 15.8282, 19.6300

Details

The XYZ color **54.1692, 48.9261, 34.6056** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7508, 59.3790, 87.3839**, and the grayscale version is **47.6143, 50.0939, 54.5523**.

A 20% lighter version of the original color is **79.3698, 80.4624, 67.2247**, and **26.7676, 23.1670, 14.3701** is the 20% darker color. If you saturate the color by 10%, you get **49.4403, 42.1490, 24.7652**, and if you desaturate by 10%, it is **59.7053, 56.7130, 46.5790**.

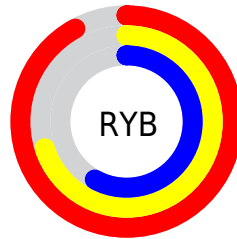
Distribution



Red (92%)

Green (67%)

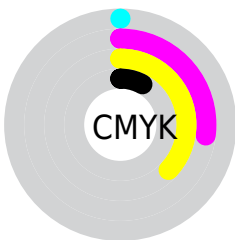
Blue (58%)



Red (92%)

Yellow (70%)

Blue (58%)

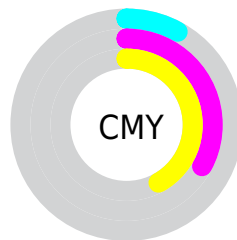


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1692, 48.9261, 34.6056 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 54.1692, 48.9261, 34.6056 by changing the saturation by 10% instead.


 54.1692, 48.9261,
34.6056


 54.1692, 48.9261,
34.6056


392.9427,
382.4513, 337.6752

 38.9682, 34.5609,
23.0781

 95.4781, 88.5817,
68.0190

 26.9156, 23.3248,
14.4453


 122.3166,
114.6408, 90.7419

 17.6461, 14.8335,
8.2888


153.7650,
145.3667, 118.0337

 10.7943, 8.7026,
4.1899

190.1887,
181.1438, 150.3130

 5.9950, 4.5477,
1.7301

231.9529,
222.3563, 187.9982

 2.8827, 1.9844,
0.3812

279.4231,

 1.0920, 0.5984,

269.3889, 231.5080

0.0000

332.9646,
322.6257, 281.2608

■ 0.0184, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1692, 48.9261,
34.6056

■ 54.1692, 48.9261,
34.6056

■ 49.4403, 42.1490,
24.7652

■ 59.7053, 56.7130,
46.5790

■ 45.4754, 36.3326,
16.9283

■ 66.0814, 65.5421,
60.7986

■ 42.2328, 31.4340,
10.9558

■ 73.3330, 75.4532,
77.3731

■ 39.6647, 27.4042,
6.6892

■ 81.4926, 86.4817,
96.4031

■ 37.7170, 24.1889,
3.9431

■ 88.0710, 96.4022,
108.5734

■ 36.3238, 21.7264,
2.4802

■ 35.9913, 21.1227,
2.1801

Harmonies

Analogous

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



57.2846, 48.9261, 45.5638



54.1692, 48.9261, 34.6056



49.1178, 48.9261, 29.2414

Triad

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



54.1692, 48.9261, 34.6056



37.1053, 48.9261, 46.2523



49.3936, 48.9261, 87.5164

Complementary

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



54.1692, 48.9261, 34.6056



50.7508, 59.3790, 87.3839

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.



43.9823, 48.9261, 87.8003



54.1692, 48.9261, 34.6056



37.1665, 48.9261, 61.8043

Square

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



54.1692, 48.9261, 34.6056



39.4218, 48.9261, 35.0247



39.5962, 48.9261, 77.6729



54.3846, 48.9261, 76.9595

Rectangle

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



54.1692, 48.9261, 34.6056



45.4645, 48.9261, 28.7294



39.5962, 48.9261, 77.6729



47.5568, 48.9261, 88.8766

Sweetspot

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



54.1705, 48.9284, 34.6066



84.6257, 85.8582, 84.7489



56.8932, 43.6593, 68.5461



17.8581, 18.0284, 17.5559



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.



54.1705, 48.9284, 34.6066



61.0246, 52.9208, 32.9056



63.4637, 67.5150, 37.7043



15.3894, 15.7018, 15.7384



20.1196, 11.9334, 1.2430



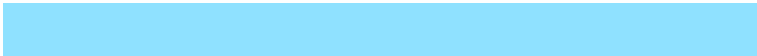
1.6565, 1.0903, 0.1231

Inverse Universe

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



50.7508, 59.3790, 87.3839



56.3580, 67.0717, 104.5835



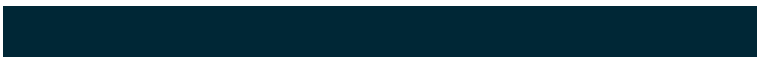
41.5365, 40.9504, 84.3124



15.1611, 16.4087, 19.2904



16.7573, 20.1615, 46.7513



1.3937, 1.7389, 3.6971

Previews

White Background



This preview shows how the XYZ color 54.1692, 48.9261, 34.6056 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 54.1692, 48.9261, 34.6056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

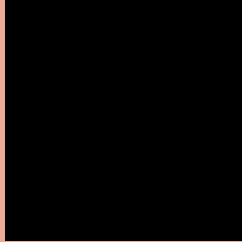
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1692, 48.9261, 34.6056

Background



This preview shows how black text looks on a background with the XYZ color 54.1692, 48.9261, 34.6056.



This preview shows how white text looks on a background with the XYZ color 54.1692, 48.9261,

34.6056.

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

54.1692, 48.9261, 34.6056

Protanopia

46.2403, 49.2201, 38.0737

Deuteranopia

50.0018, 49.0985, 34.4453



Tritanopia

57.2153, 49.0692, 49.1036

Trichromacy



Original Color

54.1692, 48.9261, 34.6056

Protanomaly

48.7697, 49.0164, 36.5964

Deuteranomaly

51.5323, 49.0045, 34.3465

Tritanomaly

55.9956, 48.8369, 43.5210

Monochromacy



Original Color

54.1692, 48.9261, 34.6056

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.4476, 49.4522, 46.4742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1692, 48.9261, 34.6056 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(235, 171, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 148)  
}
```

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(235, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 148) }
```

Border

The CSS property to change the border of an element to XYZ 54.1692, 48.9261, 34.6056 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(235, 171, 148) }
```


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

```
.border{ border-color:rgb(235, 171, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 171, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 171, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 171, 148);  
box-shadow:4px 4px 4px 4px rgb(235, 171,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1692, 48.9261, 34.6056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 171, 148) }
```

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

```
.background{ background-color: rgb(235,  
171, 148) }
```

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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