

Converting Colors

XYZ(53.0094, 48.9204, 33.4367)

Have a look what the booklet for
XYZ(53.0094, 48.9204, 33.4367)
contains.

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Color

**XYZ(53.0094, 48.9204,
33.4367)**

Conversions

Conversions Part 1

Format	Color
Hex	E7AD91
RGB	231, 173, 145
RGB Percent	91%, 68%, 57%
CMY	0.0941, 0.3215, 0.4314
CMYK	0.00, 0.25, 0.37, 0.09
HSL	20°, 64%, 74%
HSV	20°, 37%, 91%
XYZ	53.0094, 48.9204, 33.4367
YIQ	187.1500, 43.5560, 3.5880

Conversions

Conversions Part 2

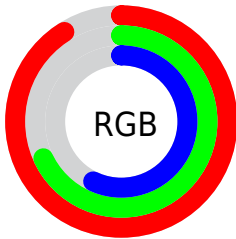
Format	Color
R _Y B	231, 187, 145
Decimal	15183249
CIE Lab	75.40, 17.59, 22.66
CIE LCh	75, 28.686, 52.167
Yxy	48.9204, 0.3916, 0.3614
Android (android.graphics.Color)	4293373329 (0xFFE7AD91)
YUV	187.1500, -20.7800, 38.4564
Hunter-Lab	69.9431, 12.8834, 20.6163

Details

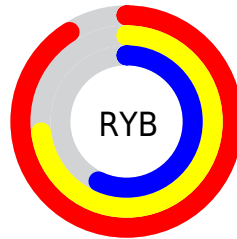
The XYZ color **53.0094, 48.9204, 33.4367** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.4560, 54.4991, 83.6195**, and the grayscale version is **47.4162, 49.8855, 54.3254**.

A 20% lighter version of the original color is **79.5681, 81.4221, 65.5552**, and **26.1924, 23.2398, 13.6949** is the 20% darker color. If you saturate the color by 10%, you get **48.5913, 42.6507, 24.0517**, and if you desaturate by 10%, it is **58.1405, 56.0362, 44.8470**.

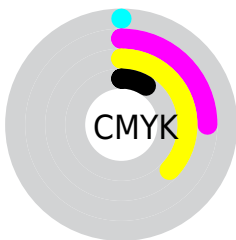
Distribution



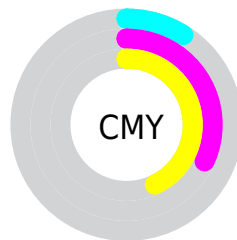
- Red (91%)
- Green (68%)
- Blue (57%)



- Red (91%)
- Yellow (73%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0094, 48.9204, 33.4367 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 53.0094, 48.9204, 33.4367 by changing the saturation by 10% instead.


 53.0094, 48.9204,
33.4367


 53.0094, 48.9204,
33.4367


388.5815,
382.4289, 332.3051

 38.0378, 34.5563,
22.1873

 93.7836, 88.5732,
66.1806

 26.1894, 23.3213,
13.7950

 120.3170,
114.6308, 88.5122

 17.0988, 14.8309,
7.8411


151.4349,
145.3549, 115.3749

 10.4007, 8.7008,
3.9071


187.5029,
181.1301, 147.1874

 5.7297, 4.5466,
1.5745

228.8861,
222.3407, 184.3681

 2.7205, 1.9838,
0.2725

275.9501,

 1.0078, 0.5980,

269.3711, 227.3356

0.0000

329.0601,
322.6057, 276.5084

■ 0.0000, 0.0000,
0.0000

■ 53.0094, 48.9204,
33.4367

■ 53.0094, 48.9204,
33.4367

■ 48.5913, 42.6507,
24.0517

■ 58.1405, 56.0362,
44.8470

■ 44.8484, 37.1875,
16.5688

■ 64.0124, 64.0219,
58.3901

■ 41.7449, 32.4982,
10.8557

■ 70.6559, 72.9089,
74.1692

■ 39.2397, 28.5448,
6.7618

■ 78.0989, 82.7251,
92.2798

■ 37.2858, 25.2857,
4.1106

■ 85.4692, 93.1374,
108.0804

■ 35.8251, 22.6731,
2.6720

■ 86.7650, 95.7289,
108.5123

■ 35.4862, 22.0514,
2.3860

Harmonies

Analogous

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



56.5518, 48.9204, 43.0272



53.0094, 48.9204, 33.4367



47.8953, 48.9204, 29.3335

Triad

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



53.0094, 48.9204, 33.4367



37.1438, 48.9204, 49.3995



50.4359, 48.9204, 85.0003

Complementary

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



53.0094, 48.9204, 33.4367



47.4560, 54.4991, 83.6195

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.



45.1269, 48.9204, 87.5916



53.0094, 48.9204, 33.4367



37.7114, 48.9204, 65.0124

Square

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



53.0094, 48.9204, 33.4367



38.9280, 48.9204, 37.3425



40.5418, 48.9204, 79.7012



54.9894, 48.9204, 73.1734

Rectangle

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



53.0094, 48.9204, 33.4367



44.3893, 48.9204, 29.5910



40.5418, 48.9204, 79.7012



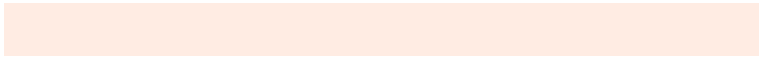
48.6711, 48.9204, 87.0604

Sweetspot

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



53.0107, 48.9227, 33.4377



85.1179, 86.8427, 84.9130



53.9518, 41.5886, 62.1642



17.9748, 18.2618, 17.5948



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.



53.0107, 48.9227, 33.4377



61.8364, 54.8495, 32.2356



62.4259, 67.7532, 36.5761



14.7583, 15.1305, 15.0471



19.9945, 12.5631, 1.3711



1.5597, 1.0926, 0.1287

Inverse Universe

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



47.4560, 54.4991, 83.6195



53.8837, 62.7698, 103.8835



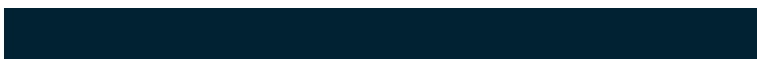
38.8054, 37.1980, 80.7360



14.3911, 15.5037, 18.3783



14.8476, 16.7574, 44.8351



1.1808, 1.4056, 3.3410

Previews

White Background



This preview shows how the XYZ color 53.0094, 48.9204, 33.4367 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 53.0094, 48.9204, 33.4367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

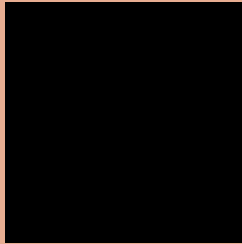
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.0094, 48.9204, 33.4367

Background



This preview shows how black text looks on a background with the XYZ color 53.0094, 48.9204, 33.4367.



This preview shows how white text looks on a background with the XYZ color 53.0094, 48.9204,

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

53.0094, 48.9204, 33.4367

Protanopia

46.1708, 49.2225, 36.3456

Deuteranopia

50.0676, 49.1592, 33.2354



Tritanopia

56.6041, 49.0036, 50.1913

Trichromacy



Original Color

53.0094, 48.9204, 33.4367

Protanomaly

48.2432, 48.7730, 35.3052

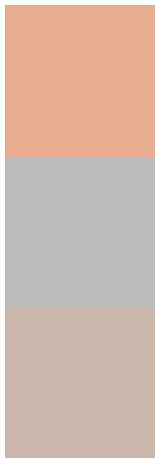
Deuteranomaly

51.1876, 49.1459, 33.1738

Tritanomaly

55.3743, 49.0690, 43.5985

Monochromacy



Original Color

53.0094, 48.9204, 33.4367

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8029, 49.1310, 45.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0094, 48.9204, 33.4367 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(231, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(231, 173, 145)  
}
```

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(231, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 173, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.0094, 48.9204, 33.4367 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(231, 173, 145) }
```


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

```
.border{ border-color:rgb(231, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(231, 173,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0094, 48.9204, 33.4367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 173, 145) }
```

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

```
.background{ background-color: rgb(231,  
173, 145) }
```

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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