

Converting Colors

XYZ(53.7208, 49.0869, 46.5831)

Have a look what the booklet for
XYZ(53.7208, 49.0869, 46.5831)
contains.

XYZ(53.6349, 48.9507, 46.6660)	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(53.6349, 48.9507,
46.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ADAE
RGB	225, 173, 174
RGB Percent	88%, 68%, 68%
CMY	0.1176, 0.3215, 0.3176
CMYK	0.00, 0.23, 0.23, 0.12
HSL	359°, 46%, 78%
HSV	359°, 23%, 88%
XYZ	53.6349, 48.9507, 46.6660
YIQ	188.6620, 30.6710, 11.3350

Conversions

Conversions Part 2

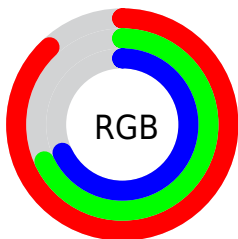
Format	Color
R _Y B	225, 173, 174
Decimal	14790062
CIE Lab	75.42, 19.13, 6.83
CIE LCh	75, 20.309, 19.653
Yxy	48.9507, 0.3594, 0.3280
Android (android.graphics.Color)	4292980142 (0xFFE1ADAE)
YUV	188.6620, -7.2284, 31.8684
Hunter-Lab	69.9648, 14.3995, 9.4293

Details

The XYZ color **53.6349, 48.9507, 46.6660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6153, 68.1176, 80.6357**, and the grayscale version is **48.2056, 50.7160, 55.2297**.

A 20% lighter version of the original color is **83.4022, 82.9558, 85.7450**, and **26.5915, 23.2731, 21.5030** is the 20% darker color. If you saturate the color by 10%, you get **47.7006, 40.2468, 34.9310**, and if you desaturate by 10%, it is **60.6519, 59.2536, 60.5070**.

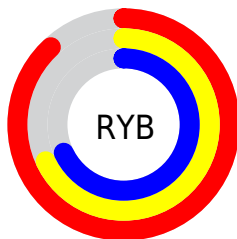
Distribution



Red (88%)

Green (68%)

Blue (68%)



Red (88%)

Yellow (68%)

Blue (68%)

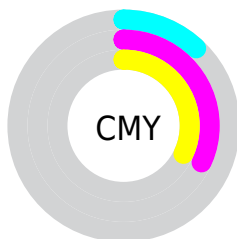


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (12%)



Cyan (12%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6349, 48.9507, 46.6660 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 53.6349, 48.9507, 46.6660 by changing the saturation by 10% instead.


 53.6349, 48.9507,
46.6660

 53.6349, 48.9507,
46.6660


390.9373,
382.5482, 389.8349

 38.5394, 34.5804,
32.4192


 94.6980, 88.6182,
86.5596

 26.5807, 23.3398,
21.4145


121.3963,
114.6842, 113.0435

 17.3935, 14.8446,
13.2331


152.6928,
145.4176, 144.4436

 10.6125, 8.7104,
7.4566

188.9530,
181.2026, 181.1783

 5.8723, 4.5528,
3.6665

230.5422,
222.4238, 223.6663

 2.8075, 1.9873,
1.4443

277.8258,

 1.0528, 0.6001,

269.4656, 272.3260

0.1759

331.1690,
322.7122, 327.5760

■ 0.0000, 0.0000,
0.0000

■ 53.6349, 48.9507,
46.6660

■ 53.6349, 48.9507,
46.6660

■ 47.7006, 40.2468,
34.9310

■ 60.6519, 59.2536,
60.5070

■ 42.7914, 33.0554,
25.1959

■ 68.7975, 71.2227,
76.5468

■ 38.8505, 27.2924,
17.3502

■ 78.1199, 84.9297,
94.8765

■ 35.8138, 22.8624,
11.2713

■ 84.8615, 94.7476,
108.4232

■ 33.6096, 19.6588,
6.8224

■ 32.1553, 17.5584,
3.8462

■ 31.3515, 16.4125,
2.1550

■ 31.0751, 16.0171,
1.5775

Harmonies

Analogous

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



53.9677, 48.9507, 57.0856



53.6349, 48.9507, 46.6660



51.3406, 48.9507, 39.0888

Triad

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



53.6349, 48.9507, 46.6660



41.2562, 48.9507, 41.0426



45.2460, 48.9507, 76.2434

Complementary

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



53.6349, 48.9507, 46.6660



57.6153, 68.1176, 80.6357

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.



42.0226, 48.9507, 70.5929



53.6349, 48.9507, 46.6660



39.8022, 48.9507, 49.6836

Square

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



53.6349, 48.9507, 46.6660



44.1485, 48.9507, 36.1561



40.0751, 48.9507, 60.5325



48.9877, 48.9507, 75.1504

Rectangle

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



53.6349, 48.9507, 46.6660



49.0725, 48.9507, 36.2220



40.0751, 48.9507, 60.5325



44.0694, 48.9507, 75.0431

Sweetspot

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



53.6362, 48.9530, 46.6670



86.9257, 88.0585, 92.9135



59.0492, 51.0560, 77.9771



18.4635, 18.6392, 19.6073



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.



53.6362, 48.9530, 46.6670



67.0510, 58.8764, 53.7112



58.6224, 59.0801, 47.8519



13.7178, 13.7048, 14.2843



17.9117, 9.2317, 0.9346



1.2453, 0.6414, 0.0848

Inverse Universe

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



53.6362, 48.9530, 46.6670



67.0510, 58.8764, 53.7112



51.6507, 55.9715, 79.3158



13.7178, 13.7048, 14.2843



17.9117, 9.2317, 0.9346



1.2453, 0.6414, 0.0848

Previews

White Background



This preview shows how the XYZ color 53.6349, 48.9507, 46.6660 looks on a white background.

Color Contrast Check

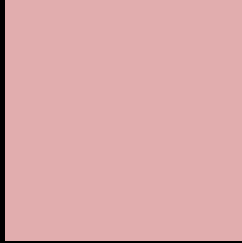
Large Text (above 18pt) WCAG AA × Fail

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 53.6349, 48.9507, 46.6660 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 53.6349, 48.9507, 46.6660

Background



This preview shows how black text looks on a background with the XYZ color 53.6349, 48.9507, 46.6660.



This preview shows how white text looks on a background with the XYZ color 53.6349, 48.9507,

46.6660.

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

53.6349, 48.9507, 46.6660

Protanopia

47.1753, 49.1105, 50.7089

Deuteranopia

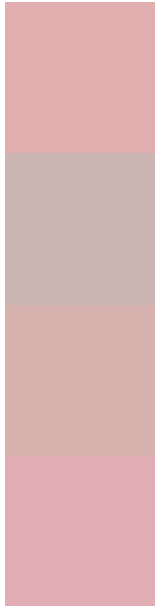
50.1586, 49.2150, 46.3910



Tritanopia

54.6839, 48.7974, 52.4356

Trichromacy



Original Color

53.6349, 48.9507, 46.6660

Protanomaly

49.1884, 48.9586, 48.9769

Deuteranomaly

51.2893, 48.9085, 46.2722

Tritanomaly

54.4570, 49.0100, 50.3057

Monochromacy



Original Color

53.6349, 48.9507, 46.6660

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.9423, 49.8842, 52.3438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6349, 48.9507, 46.6660 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(225, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 174)  
}
```

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(225, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 174) }
```

Border

The CSS property to change the border of an element to XYZ 53.6349, 48.9507, 46.6660 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(225, 173, 174) }
```


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

```
.border{ border-color:rgb(225, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6349, 48.9507, 46.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 174) }
```

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

```
.background{ background-color: rgb(225,  
173, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor