

Converting Colors

XYZ(53.1088, 46.7039, 40.0432)

Have a look what the booklet for
XYZ(53.1088, 46.7039, 40.0432)
contains.

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Color

**XYZ(53.1669, 46.6393,
39.9183)**

Conversions

Conversions Part 1

Format	Color
Hex	E8A5A1
RGB	232, 165, 161
RGB Percent	91%, 65%, 63%
CMY	0.0902, 0.3529, 0.3686
CMYK	0.00, 0.29, 0.31, 0.09
HSL	3°, 61%, 77%
HSV	3°, 31%, 91%
XYZ	53.1669, 46.6393, 39.9183
YIQ	184.5770, 41.2160, 12.9600

Conversions

Conversions Part 2

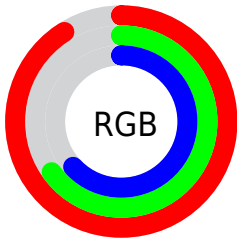
Format	Color
R _Y B	232, 165, 161
Decimal	15246753
CIE Lab	73.96, 24.22, 11.96
CIE LCh	74, 27.014, 26.275
Yxy	46.6393, 0.3805, 0.3338
Android (android.graphics.Color)	4293436833 (0xFFE8A5A1)
YUV	184.5770, -11.6235, 41.5900
Hunter-Lab	68.2930, 19.4517, 13.1492

Details

The XYZ color **53.1669, 46.6393, 39.9183** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.0059, 68.8878, 86.6363**, and the grayscale version is **45.9267, 48.3185, 52.6188**.

A 20% lighter version of the original color is **79.2279, 77.4043, 75.7305**, and **26.3988, 22.0500, 17.6166** is the 20% darker color. If you saturate the color by 10%, you get **47.6915, 38.6644, 28.9187**, and if you desaturate by 10%, it is **59.7002, 56.1221, 53.1442**.

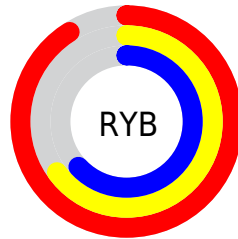
Distribution



Red (91%)

Green (65%)

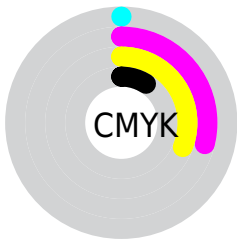
Blue (63%)



Red (91%)

Yellow (65%)

Blue (63%)

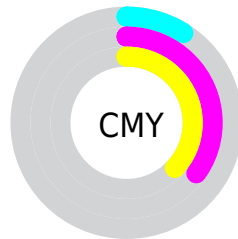


Cyan (0%)

Magenta (29%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1669, 46.6393, 39.9183 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 53.1669, 46.6393, 39.9183 by changing the saturation by 10% instead.


 53.1669, 46.6393,
39.9183


 53.1669, 46.6393,
39.9183


389.1755,
373.3729, 361.3209

 38.1640, 32.7506,
27.1615

 94.0140, 85.1750,
76.2748

 26.2878, 21.9355,
17.4611


 120.5889,
110.5907, 100.7117

 17.1729, 13.8095,
10.3983


151.7520,
140.6176, 129.8789

 10.4539, 7.9883,
5.5548

187.8684,
175.6400, 164.1952

 5.7655, 4.0874,
2.5120

229.3036,
216.0424, 204.0790

 2.7423, 1.7226,
0.8465

276.4230,

 1.0190, 0.4382,

262.2090, 249.9489

0.0000

329.5918,
314.5244, 302.2233

■ 0.0000, 0.0000,
0.0000

■ 53.1669, 46.6393,
39.9183

■ 53.1669, 46.6393,
39.9183

■ 47.6915, 38.6644,
28.9187

■ 59.7002, 56.1221,
53.1442

■ 43.2149, 32.1135,
20.0204

■ 67.3391, 67.1779,
68.7065

■ 39.6778, 26.9048,
13.0904

■ 76.1328, 79.8759,
86.7114

■ 37.0131, 22.9452,
7.9791

■ 86.1266, 94.2793,
107.2576

■ 35.1449, 20.1301,
4.5159

■ 87.0888, 95.8959,
108.5274

■ 33.9840, 18.3376,
2.4974

■ 33.4238, 17.4459,
1.6058

Harmonies

Analogous

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



54.2325, 46.6393, 52.5257



53.1669, 46.6393, 39.9183



49.6749, 46.6393, 31.7557

Triad

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



53.1669, 46.6393, 39.9183



37.0612, 46.6393, 37.4288



43.7301, 46.6393, 82.1295

Complementary

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



53.1669, 46.6393, 39.9183



57.0059, 68.8878, 86.6363

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.



39.3816, 46.6393, 76.2028



53.1669, 46.6393, 39.9183



35.7116, 46.6393, 49.0778

Square

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



53.1669, 46.6393, 39.9183



40.3530, 46.6393, 30.5117



36.5296, 46.6393, 63.4576



48.5585, 46.6393, 78.4847

Rectangle

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



53.1669, 46.6393, 39.9183



46.5640, 46.6393, 29.1208



36.5296, 46.6393, 63.4576



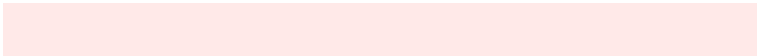
42.1671, 46.6393, 81.1666

Sweetspot

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



53.1681, 46.6415, 39.9192



85.0491, 85.5621, 88.4137



60.0901, 48.2725, 79.8774



17.8819, 17.8482, 18.2659



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.



53.1681, 46.6415, 39.9192



61.2733, 51.0831, 40.1872



60.3780, 61.0612, 42.3225



14.4419, 14.4977, 14.9416



18.5843, 9.7428, 0.9010



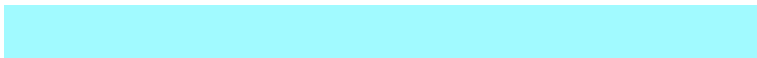
1.3965, 0.7663, 0.0743

Inverse Universe

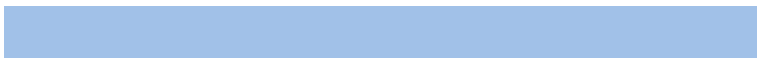
The Inverse Universe completely reimagines the original color for something new.



57.0059, 68.8878, 86.6363



66.7632, 82.9322, 107.0965



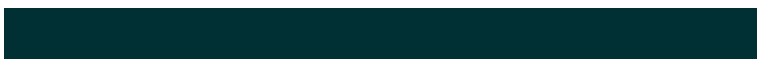
48.3228, 51.5216, 83.7419



14.7342, 16.1897, 18.4927



22.1687, 31.3994, 47.2755



1.6595, 2.3630, 3.5006

Previews

White Background



This preview shows how the XYZ color 53.1669, 46.6393, 39.9183 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 53.1669, 46.6393, 39.9183 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 53.1669, 46.6393, 39.9183

Background



This preview shows how black text looks on a background with the XYZ color 53.1669, 46.6393, 39.9183.



This preview shows how white text looks on a background with the XYZ color 53.1669, 46.6393,

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

53.1669, 46.6393, 39.9183

Protanopia

44.5186, 46.6414, 44.6865

Deuteranopia

47.6004, 46.5730, 39.2816



Tritanopia

54.4393, 46.6132, 46.6854

Trichromacy



Original Color

53.1669, 46.6393, 39.9183

Protanomaly

47.2069, 46.2873, 43.0055

Deuteranomaly

49.5233, 46.4156, 39.6066

Tritanomaly

54.1354, 46.7768, 44.2058

Monochromacy



Original Color

53.1669, 46.6393, 39.9183

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.1140, 47.5319, 47.7130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1669, 46.6393, 39.9183 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, 165, 161)` looks like.

```
.text, #text, p{  
    color:rgb(232, 165, 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(232, 165, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 165, 161) }
```

Border

The CSS property to change the border of an element to XYZ 53.1669, 46.6393, 39.9183 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, 165, 161) }
```


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

```
.border{ border-color:rgb(232, 165, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 165, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 165, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 165, 161);  
box-shadow:4px 4px 4px 4px rgb(232, 165,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1669, 46.6393, 39.9183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 165, 161) }
```

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

```
.background{ background-color: rgb(232,  
165, 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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