

Converting Colors

XYZ(48.9358, 53.3775, 40.2393)

Have a look what the booklet for
XYZ(48.9358, 53.3775, 40.2393)
contains.

XYZ(48.9754, 53.5046, 40.0939)	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(48.9754, 53.5046,
40.0939)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C39E
RGB	198, 195, 158
RGB Percent	78%, 76%, 62%
CMY	0.2235, 0.2353, 0.3804
CMYK	0.00, 0.02, 0.20, 0.22
HSL	56°, 26%, 70%
HSV	56°, 20%, 78%
XYZ	48.9754, 53.5046, 40.0939
YIQ	191.6790, 13.6650, -10.8710

Conversions

Conversions Part 2

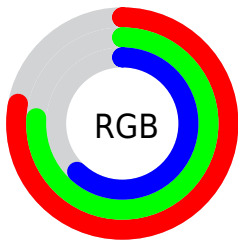
Format	Color
R_{YB}	161, 198, 158
Decimal	13026206
CIE Lab	78.17, -5.06, 19.01
CIE LCh	78, 19.676, 104.909
Yxy	53.5046, 0.3435, 0.3753
Android (android.graphics.Color)	4291216286 (0xFFC6C39E)
YUV	191.6790, -16.6037, 5.5435
Hunter-Lab	73.1468, -8.4925, 18.7042

Details

The XYZ color **48.9754, 53.5046, 40.0939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0384, 36.8353, 58.5843**, and the grayscale version is **50.0051, 52.6092, 57.2914**.

A 20% lighter version of the original color is **87.7474, 95.0585, 76.6741**, and **23.6280, 26.0197, 17.4126** is the 20% darker color. If you saturate the color by 10%, you get **47.0765, 52.2178, 31.7192**, and if you desaturate by 10%, it is **51.1550, 54.9126, 49.9182**.

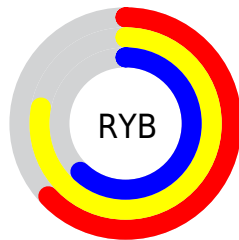
Distribution



Red (78%)

Green (76%)

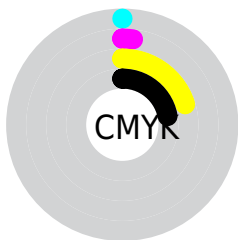
Blue (62%)



Red (63%)

Yellow (78%)

Blue (62%)

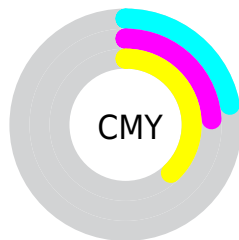


Cyan (0%)

Magenta (2%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (24%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9754, 53.5046, 40.0939 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 48.9754, 53.5046, 40.0939 by changing the saturation by 10% instead.

 48.9754, 53.5046,
40.0939


 48.9754, 53.5046,
40.0939


373.1640,
400.2181, 362.0830

 34.8144, 38.2057,
27.2974


 87.8559, 95.3465,
76.5451

 23.6858, 26.1424,
17.5623


 113.3060,
122.6583, 101.0370

 15.2242, 16.9302,
10.4700


143.2500,
154.7432, 130.2643

 9.0642, 10.1847,
5.6020

178.0531,
191.9856, 164.6458

 4.8405, 5.5216,
2.5398

218.0807,
234.7699, 204.5998

 2.1878, 2.5564,
0.8611

263.6982,

 0.7363, 0.9048,

283.4805, 250.5450

0.0000

315.2708,
338.5017, 302.8999

■ 0.0000, 0.0000,
0.0000

■ 48.9754, 53.5046,
40.0939

■ 48.9754, 53.5046,
40.0939

■ 47.0765, 52.2178,
31.7192

■ 51.1550, 54.9126,
49.9182

■ 45.4410, 51.0399,
24.7216

■ 53.6235, 56.4396,
61.2533

■ 44.0562, 49.9674,
19.0274

■ 56.3936, 58.0925,
74.1608

■ 42.9063, 48.9942,
14.5547

■ 59.4764, 59.8759,
88.6980

■ 41.9742, 48.1133,
11.2124

■ 62.5580, 61.6641,
103.2129

■ 41.2400, 47.3168,
8.8965

■ 62.9086, 62.3653,
103.3298

■ 40.6804, 46.5953,
7.4839

■ 63.2625, 63.0731,
103.4478

■ 40.2578, 45.9436,
6.7462

■ 63.6198, 63.7877,
103.5669

■ 63.9805, 64.5091,
103.6871

Harmonies

Analogous

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



52.8043, 53.5046, 40.1074



48.9754, 53.5046, 40.0939



45.8101, 53.5046, 44.5080

Triad

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



48.9754, 53.5046, 40.0939



45.7947, 53.5046, 74.5258



58.3342, 53.5046, 63.9473

Complementary

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



48.9754, 53.5046, 40.0939



37.0384, 36.8353, 58.5843

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.



56.2563, 53.5046, 74.5817



48.9754, 53.5046, 40.0939



48.9534, 53.5046, 81.1928

Square

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



48.9754, 53.5046, 40.0939



44.0377, 53.5046, 63.8784



52.7811, 53.5046, 81.2144



58.3409, 53.5046, 52.9762

Rectangle

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



48.9754, 53.5046, 40.0939



44.4467, 53.5046, 49.7297



52.7811, 53.5046, 81.2144



57.8504, 53.5046, 67.7082

Sweetspot

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



48.9768, 53.5070, 40.0950



92.3192, 98.3245, 96.3174



41.9786, 39.0452, 39.1972



19.6990, 21.0075, 20.3358



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.



48.9768, 53.5070, 40.0950



85.2703, 93.7764, 64.5277



45.5005, 52.7214, 40.1266



11.4533, 12.2758, 11.3286



26.2082, 29.9335, 4.3964



1.2617, 1.4589, 0.2151

Inverse Universe

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



37.0384, 36.8353, 58.5843



60.5287, 59.2266, 102.8494



40.0250, 37.6071, 58.5759



10.1194, 10.4129, 13.3940



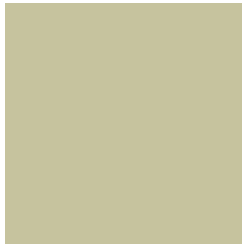
6.7630, 2.9199, 34.9515



0.3429, 0.1836, 1.6625

Previews

White Background



This preview shows how the XYZ color 48.9754, 53.5046, 40.0939 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 48.9754, 53.5046, 40.0939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

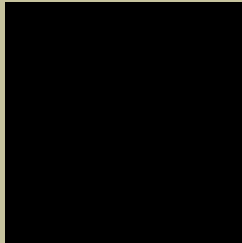
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

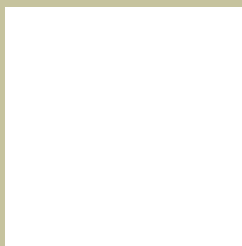
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9754, 53.5046, 40.0939

Background



This preview shows how black text looks on a background with the XYZ color 48.9754, 53.5046, 40.0939.



This preview shows how white text looks on a background with the XYZ color 48.9754, 53.5046,

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

48.9754, 53.5046, 40.0939

Protanopia

50.3326, 53.5534, 39.5823

Deuteranopia

54.6445, 53.5032, 40.7048



Tritanopia

53.9985, 53.5922, 64.6250

Trichromacy



Original Color

48.9754, 53.5046, 40.0939

Protanomaly

49.7347, 53.5745, 39.6179

Deuteranomaly

52.4799, 53.3455, 40.3316

Tritanomaly

51.9576, 53.4060, 54.5836

Monochromacy



Original Color

48.9754, 53.5046, 40.0939

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5563, 52.9045, 50.7797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9754, 53.5046, 40.0939 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(198, 195, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 158)  
}
```

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(198, 195, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 158) }
```

Border

The CSS property to change the border of an element to XYZ 48.9754, 53.5046, 40.0939 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(198, 195, 158) }
```


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

```
.border{ border-color:rgb(198, 195, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 158);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9754, 53.5046, 40.0939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 158) }
```

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

```
.background{ background-color: rgb(198,  
195, 158) }
```

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