

Converting Colors

XYZ(49.2371, 52.8396, 40.5538)

Have a look what the booklet for
XYZ(49.2371, 52.8396, 40.5538)
contains.

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Color

**XYZ(49.4154, 53.0606,
40.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C19F
RGB	201, 193, 159
RGB Percent	79%, 76%, 62%
CMY	0.2118, 0.2431, 0.3765
CMYK	0.00, 0.04, 0.21, 0.21
HSL	49°, 28%, 71%
HSV	49°, 21%, 79%
XYZ	49.4154, 53.0606, 40.4381
YIQ	191.5160, 15.6820, -8.8780

Conversions

Conversions Part 2

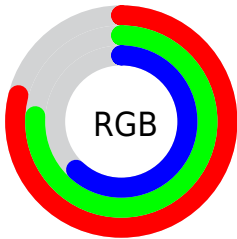
Format	Color
RYB	169, 201, 159
Decimal	13222303
CIELab	77.91, -2.74, 18.15
CIELCh	78, 18.360, 98.582
Yxy	53.0606, 0.3458, 0.3713
Android (android.graphics.Color)	4291412383 (0xFFC9C19F)
YUV	191.5160, -16.0304, 8.3175
Hunter-Lab	72.8427, -6.3830, 18.0755

Details

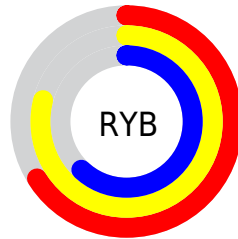
The XYZ color **49.4154, 53.0606, 40.4381** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.6593, 39.2247, 60.7924**, and the grayscale version is **49.9060, 52.5050, 57.1779**.

A 20% lighter version of the original color is **87.2533, 93.8664, 77.1376**, and **24.0645, 26.0207, 17.6641** is the 20% darker color. If you saturate the color by 10%, you get **46.9766, 50.7507, 31.7083**, and if you desaturate by 10%, it is **52.1626, 55.5325, 50.6713**.

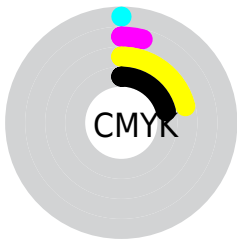
Distribution



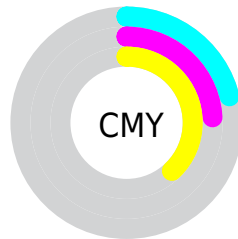
- Red (79%)
- Green (76%)
- Blue (62%)



- Red (66%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (21%)





- Cyan (21%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4154, 53.0606, 40.4381 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 49.4154, 53.0606, 40.4381 by changing the saturation by 10% instead.


 49.4154, 53.0606,
40.4381


 49.4154, 53.0606,
40.4381


374.8653,
398.5176, 363.5735

 35.1650, 37.8511,
27.5639


 88.5051, 94.6935,
77.0745

 23.9571, 25.8672,
17.7610


 114.0752,
121.8858, 101.6739

 15.4264, 16.7243,
10.6109


144.1491,
153.8411, 131.0187

 9.2074, 10.0381,
5.6950

179.0924,
190.9439, 165.5275

 4.9349, 5.4242,
2.5947

219.2702,
233.5786, 205.6188

 2.2435, 2.4983,
0.8897

265.0481,

 0.7655, 0.8758,

282.1295, 251.7112

0.0000

316.7913,
336.9810, 304.2233

■ 0.0000, 0.0000,
0.0000

■ 49.4154, 53.0606,
40.4381

■ 49.4154, 53.0606,
40.4381

■ 46.9766, 50.7507,
31.7083

■ 52.1626, 55.5325,
50.6713

■ 44.8281, 48.5900,
24.4064

■ 55.2269, 58.1646,
62.4718

■ 42.9563, 46.5744,
18.4554

■ 58.6219, 60.9646,
75.9040

■ 41.3448, 44.6971,
13.7696

■ 62.3590, 63.9373,
91.0274

■ 39.9754, 42.9507,
10.2535

■ 65.7157, 66.7938,
104.0366

■ 38.8271, 41.3264,
7.7982

■ 66.6845, 68.7314,
104.3596

■ 37.8752, 39.8141,
6.2739

■ 67.6762, 70.7147,
104.6901

■ 37.1376, 38.5176,
5.4773

■ 68.6908, 72.7440,
105.0283

■ 69.7286, 74.8196,
105.3743

Harmonies

Analogous

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



52.9802, 53.0606, 41.3412



49.4154, 53.0606, 40.4381



46.2728, 53.0606, 43.7321

Triad

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



49.4154, 53.0606, 40.4381



45.2560, 53.0606, 70.9176



57.0945, 53.0606, 65.2521

Complementary

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



49.4154, 53.0606, 40.4381



38.6593, 39.2247, 60.7924

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.



54.8343, 53.0606, 74.5395



49.4154, 53.0606, 40.4381



47.9678, 53.0606, 78.0695

Square

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



49.4154, 53.0606, 40.4381



43.9467, 53.0606, 60.7566



51.4635, 53.0606, 79.4677



57.5270, 53.0606, 54.8906

Rectangle

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



49.4154, 53.0606, 40.4381



44.8000, 53.0606, 48.1227



51.4635, 53.0606, 79.4677



56.5184, 53.0606, 68.6364

Sweetspot

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



49.4168, 53.0630, 40.4392



91.7614, 97.2090, 96.1315



43.4982, 40.0193, 42.1860



19.5668, 20.7431, 20.2918



0.0000, 0.0000, 0.0000



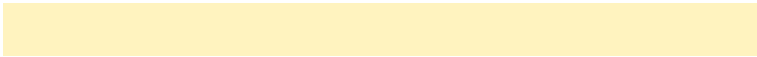
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.4168, 53.0630, 40.4392



82.6812, 89.0519, 62.2656



47.9829, 55.0193, 40.8924



11.3457, 12.0605, 11.2927



23.4141, 24.3454, 3.4651



1.1541, 1.2437, 0.1792

Inverse Universe

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



38.6593, 39.2247, 60.7924



61.0462, 61.2236, 103.2076



39.8670, 37.7395, 60.4421



10.2174, 10.6089, 13.4267



7.1206, 3.6352, 35.0707



0.3876, 0.2731, 1.6774

Previews

White Background



This preview shows how the XYZ color 49.4154, 53.0606, 40.4381 looks on a white background.

Color Contrast Check

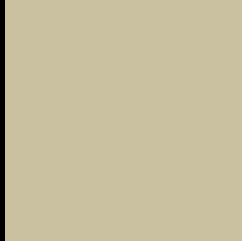
Large Text (above 18pt) WCAG AA × Fail

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 49.4154, 53.0606, 40.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

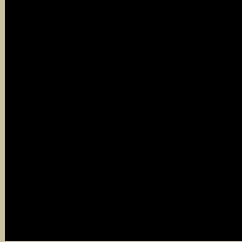
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4154, 53.0606, 40.4381

Background



This preview shows how black text looks on a background with the XYZ color 49.4154, 53.0606, 40.4381.



This preview shows how white text looks on a background with the XYZ color 49.4154, 53.0606,

40.4381.

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

49.4154, 53.0606, 40.4381

Protanopia

50.0095, 53.0398, 40.4028

Deuteranopia

53.9062, 52.8007, 41.0686



Tritanopia

54.1631, 53.0703, 63.2660

Trichromacy



Original Color

49.4154, 53.0606, 40.4381

Protanomaly

49.7362, 52.8990, 40.3900

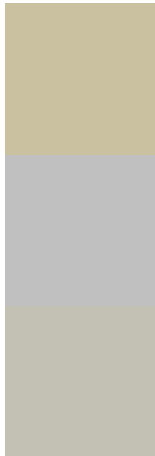
Deuteranomaly

52.0599, 52.8006, 40.7054

Tritanomaly

52.2374, 52.9195, 53.9157

Monochromacy



Original Color

49.4154, 53.0606, 40.4381

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5935, 52.5967, 50.7183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4154, 53.0606, 40.4381 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(201, 193, 159) looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 159)  
}
```

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(201, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 159) }
```

Border

The CSS property to change the border of an element to XYZ 49.4154, 53.0606, 40.4381 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(201, 193, 159) }
```


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

```
.border{ border-color:rgb(201, 193, 159) }
```

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

Here you see how a box with a 4 pixel rgb(201, 193, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4154, 53.0606, 40.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 159) }
```

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

```
.background{ background-color: rgb(201,  
193, 159) }
```

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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