

Converting Colors

XYZ(49.5022, 54.2342, 41.1964)

Have a look what the booklet for
XYZ(49.5022, 54.2342, 41.1964)
contains.

XYZ(49.3738, 54.0237, 41.0830)	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(49.3738, 54.0237,
41.0830)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C4A0
RGB	198, 196, 160
RGB Percent	78%, 77%, 63%
CMY	0.2235, 0.2314, 0.3725
CMYK	0.00, 0.01, 0.19, 0.22
HSL	57°, 25%, 70%
HSV	57°, 19%, 78%
XYZ	49.3738, 54.0237, 41.0830
YIQ	192.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

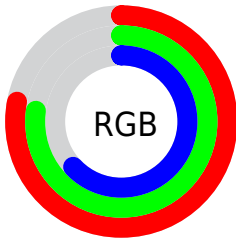
Format	Color
RYB	162, 198, 160
Decimal	13026464
CIELab	78.48, -5.29, 18.37
CIELCh	78, 19.114, 106.058
Yxy	54.0237, 0.3417, 0.3739
Android (android.graphics.Color)	4291216544 (0xFFC6C4A0)
YUV	192.4940, -16.0195, 4.8288
Hunter-Lab	73.5008, -8.7200, 18.3107

Details

The XYZ color **49.3738, 54.0237, 41.0830** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6104, 37.3906, 58.6613**, and the grayscale version is **50.4786, 53.1074, 57.8340**.

A 20% lighter version of the original color is **88.6310, 96.4169, 78.2289**, and **23.8814, 26.3580, 18.0163** is the 20% darker color. If you saturate the color by 10%, you get **47.5447, 52.9199, 32.5976**, and if you desaturate by 10%, it is **51.4833, 55.2459, 51.0242**.

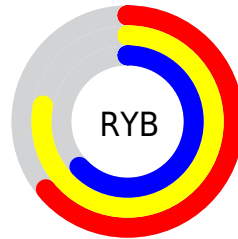
Distribution



Red (78%)

Green (77%)

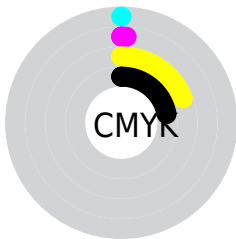
Blue (63%)



Red (64%)

Yellow (78%)

Blue (63%)

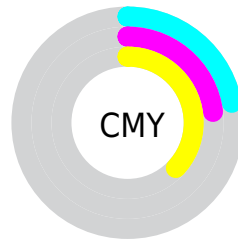


Cyan (0%)

Magenta (1%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (23%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3738, 54.0237, 41.0830 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 49.3738, 54.0237, 41.0830 by changing the saturation by 10% instead.


 49.3738, 54.0237,
41.0830


 49.3738, 54.0237,
41.0830


374.7046,
402.2004, 366.3543

 35.1319, 38.6206,
28.0638


 88.4438, 96.1090,
78.0649

 23.9314, 26.4647,
18.1343


 114.0025,
123.5601, 102.8647

 15.4072, 17.1716,
10.8760


144.0642,
155.7959, 132.4283

 9.1939, 10.3569,
5.8704

178.9942,
193.2009, 167.1744

 4.9260, 5.6362,
2.6989

219.1579,
236.1594, 207.5216

 2.2382, 2.6252,
0.9429

264.9206,

 0.7628, 0.9393,

285.0559, 253.8882

0.0000

316.6478,
340.2748, 306.6930

■ 0.0000, 0.0000,
0.0000

■ 49.3738, 54.0237,
41.0830

■ 49.3738, 54.0237,
41.0830

■ 47.5447, 52.9199,
32.5976

■ 51.4833, 55.2459,
51.0242

■ 45.9786, 51.9221,
25.4959

■ 53.8811, 56.5843,
62.4818

■ 44.6630, 51.0270,
19.7050

■ 56.5801, 58.0457,
75.5173

■ 43.5824, 50.2286,
15.1436

■ 59.5910, 59.6345,
90.1876

■ 42.7197, 49.5198,
11.7218

■ 62.2731, 61.0943,
103.1180

■ 42.0555, 48.8931,
9.3370

■ 62.5167, 61.5814,
103.1992

■ 41.5668, 48.3391,
7.8687

■ 62.7619, 62.0718,
103.2809

■ 41.2140, 47.8420,
7.1082

■ 63.0087, 62.5655,
103.3632

■ 41.1873, 47.8027,
7.0560

■ 63.2572, 63.0625,
103.4460

Harmonies

Analogous

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



53.1098, 54.0237, 40.9274



49.3738, 54.0237, 41.0830



46.3157, 54.0237, 45.5916

Triad

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



49.3738, 54.0237, 41.0830



46.4922, 54.0237, 75.0278



58.6897, 54.0237, 63.9542

Complementary

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



49.3738, 54.0237, 41.0830



37.6104, 37.3906, 58.6613

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.



56.7320, 54.0237, 74.3938



49.3738, 54.0237, 41.0830



49.6254, 54.0237, 81.2953

Square

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



49.3738, 54.0237, 41.0830



44.7084, 54.0237, 64.7383



53.3739, 54.0237, 81.0501



58.6142, 54.0237, 53.2788

Rectangle

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



49.3738, 54.0237, 41.0830



45.0191, 54.0237, 50.8132



53.3739, 54.0237, 81.0501



58.2436, 54.0237, 67.6324

Sweetspot

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



49.3752, 54.0261, 41.0841



92.4278, 98.5419, 96.3536



42.4292, 39.7757, 39.8734



19.7248, 21.0591, 20.3444



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.



49.3752, 54.0261, 41.0841



86.0290, 94.8320, 66.2039



45.7211, 52.8150, 41.0430



11.4743, 12.3178, 11.3356



26.8050, 31.1272, 4.5954



1.2842, 1.5038, 0.2226

Inverse Universe

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



37.6104, 37.3906, 58.6613



61.4286, 60.0478, 102.9605



40.7746, 38.5041, 58.7094



10.1006, 10.3753, 13.3878



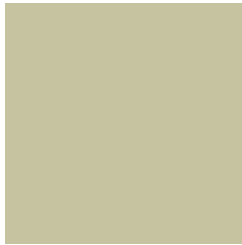
6.7218, 2.8376, 34.9378



0.3342, 0.1662, 1.6596

Previews

White Background



This preview shows how the XYZ color 49.3738, 54.0237, 41.0830 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 49.3738, 54.0237, 41.0830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

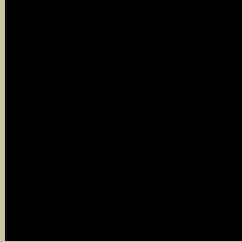
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

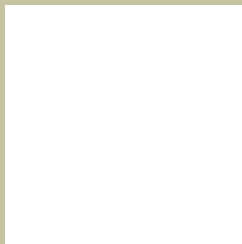
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3738, 54.0237, 41.0830

Background



This preview shows how black text looks on a background with the XYZ color 49.3738, 54.0237, 41.0830.



This preview shows how white text looks on a background with the XYZ color 49.3738, 54.0237,

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

49.3738, 54.0237, 41.0830

Protanopia

50.7266, 54.0659, 40.5631

Deuteranopia

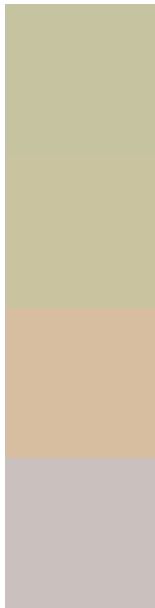
55.0324, 53.9966, 41.7043



Tritanopia

54.3347, 54.0721, 65.3308

Trichromacy



Original Color

49.3738, 54.0237, 41.0830

Protanomaly

50.1302, 54.0900, 40.5992

Deuteranomaly

52.8708, 53.8472, 41.3252

Tritanomaly

52.3921, 53.9300, 55.7923

Monochromacy



Original Color

49.3738, 54.0237, 41.0830

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 49.3738, 54.0237, 41.0830 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, 196, 160)` looks like.

```
.text, #text, p{  
    color:rgb(198, 196, 160)  
}
```

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, 196, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 196, 160) }
```

Border

The CSS property to change the border of an element to XYZ 49.3738, 54.0237, 41.0830 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, 196, 160) }
```


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

```
.border{ border-color:rgb(198, 196, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 196, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 196, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 196, 160);  
box-shadow:4px 4px 4px 4px rgb(198, 196,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3738, 54.0237, 41.0830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 196, 160) }
```

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

```
.background{ background-color: rgb(198,  
196, 160) }
```

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