

Converting Colors

XYZ(54.2439, 49.1720, 38.4786)

Have a look what the booklet for
XYZ(54.2439, 49.1720, 38.4786)
contains.

XYZ(54.1170, 49.0952, 38.5223)	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(54.1170, 49.0952,
38.5223)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AC9D
RGB	232, 172, 157
RGB Percent	91%, 67%, 62%
CMY	0.0902, 0.3255, 0.3843
CMYK	0.00, 0.26, 0.32, 0.09
HSL	12°, 62%, 76%
HSV	12°, 32%, 91%
XYZ	54.1170, 49.0952, 38.5223
YIQ	188.2300, 40.5750, 8.0550

Conversions

Conversions Part 2

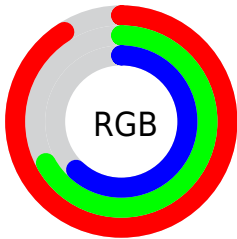
Format	Color
R_{YB}	232, 176, 157
Decimal	15248541
CIE Lab	75.51, 19.97, 16.32
CIE LCh	76, 25.795, 39.258
Yxy	49.0952, 0.3818, 0.3464
Android (android.graphics.Color)	4293438621 (0xFFE8AC9D)
YUV	188.2300, -15.3964, 38.3863
Hunter-Lab	70.0680, 15.2455, 16.4508

Details

The XYZ color **54.1170, 49.0952, 38.5223** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2820, 62.6176, 85.6221**, and the grayscale version is **48.0005, 50.5002, 54.9947**.

A 20% lighter version of the original color is **80.8671, 81.5003, 73.7563**, and **26.8775, 23.3482, 16.7257** is the 20% darker color. If you saturate the color by 10%, you get **49.0326, 41.8008, 27.9657**, and if you desaturate by 10%, it is **60.0734, 57.5312, 51.2260**.

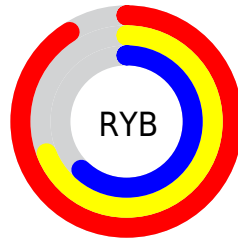
Distribution



Red (91%)

Green (67%)

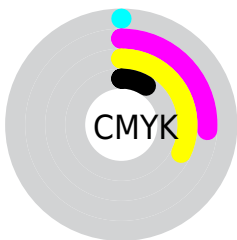
Blue (62%)



Red (91%)

Yellow (69%)

Blue (62%)

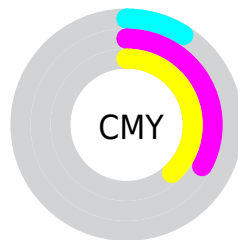


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (9%)



Cyan (9%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1170, 49.0952, 38.5223 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 54.1170, 49.0952, 38.5223 by changing the saturation by 10% instead.


 54.1170, 49.0952,
38.5223


 54.1170, 49.0952,
38.5223


392.7471,
383.1170, 355.2204

 38.9263, 34.6950,
26.0833

 95.4019, 88.8328,
74.1203

 26.8828, 23.4280,
16.6597


 122.2268,
114.9391, 98.1164

 17.6214, 14.9099,
9.8328


153.6604,
145.7161, 126.8019

 10.7765, 8.7562,
5.1841

190.0681,
181.5483, 160.5954

 5.9830, 4.5825,
2.2950

231.8153,
222.8201, 199.9155

 2.8753, 2.0044,
0.7284

279.2672,

 1.0882, 0.6100,

269.9159, 245.1807

0.0000

332.7894,
323.2200, 296.8094

■ 0.0152, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1170, 49.0952,
38.5223

■ 54.1170, 49.0952,
38.5223

■ 49.0326, 41.8008,
27.9657

■ 60.0734, 57.5312,
51.2260

■ 44.7745, 35.5918,
19.4341

■ 66.9367, 67.1480,
66.1839

■ 41.2990, 30.4177,
12.7975

■ 74.7447, 77.9915,
83.4992

■ 38.5563, 26.2211,
7.9096

■ 83.5316, 90.1030,
103.2682

■ 36.4904, 22.9388,
4.6023

■ 87.0887, 95.8958,
108.5274

■ 35.0367, 20.4996,
2.6740

■ 34.2720, 19.1424,
1.8885

Harmonies

Analogous

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



56.2947, 49.0952, 49.3483



54.1170, 49.0952, 38.5223



49.9814, 49.0952, 32.4950

Triad

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



54.1170, 49.0952, 38.5223



38.6151, 49.0952, 44.6981



48.1519, 49.0952, 83.7331

Complementary

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



54.1170, 49.0952, 38.5223



53.2820, 62.6176, 85.6221

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.



43.4958, 49.0952, 81.9151



54.1170, 49.0952, 38.5223



38.1987, 49.0952, 57.7863

Square

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



54.1170, 49.0952, 38.5223



41.1067, 49.0952, 35.6168



39.9279, 49.0952, 71.8233



52.6998, 49.0952, 76.4356

Rectangle

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



54.1170, 49.0952, 38.5223



46.7822, 49.0952, 31.2923



39.9279, 49.0952, 71.8233



46.5451, 49.0952, 84.1916

Sweetspot

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



54.1183, 49.0975, 38.5233



85.0472, 86.1340, 86.6383



57.8603, 46.2799, 71.5291



17.9234, 18.0459, 17.9262



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.



54.1183, 49.0975, 38.5233



62.6198, 54.4792, 38.4682



62.2880, 65.4370, 41.2465



14.6093, 14.8325, 14.9974



19.0972, 10.7686, 1.0720



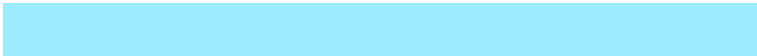
1.4760, 0.9253, 0.1008

Inverse Universe

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



53.2820, 62.6176, 85.6221



61.4113, 73.7189, 105.6002



44.6910, 45.4358, 82.7584



14.5497, 15.8207, 18.4312



17.8769, 22.8158, 45.8449



1.3835, 1.8109, 3.4086

Previews

White Background



This preview shows how the XYZ color 54.1170, 49.0952, 38.5223 looks on a white background.

Color Contrast Check

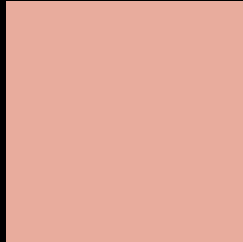
Large Text (above 18pt) WCAG AA × Fail

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 54.1170, 49.0952, 38.5223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

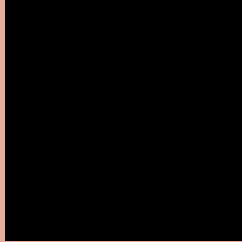
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1170, 49.0952, 38.5223

Background



This preview shows how black text looks on a background with the XYZ color 54.1170, 49.0952, 38.5223.



This preview shows how white text looks on a background with the XYZ color 54.1170, 49.0952,

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

54.1170, 49.0952, 38.5223

Protanopia

46.7654, 49.4002, 42.1924

Deuteranopia

50.1452, 49.0876, 38.2844



Tritanopia

56.6041, 49.0036, 50.1913

Trichromacy



Original Color

54.1170, 49.0952, 38.5223

Protanomaly

48.9693, 49.0309, 40.6012

Deuteranomaly

51.3449, 48.8231, 38.1701

Tritanomaly

55.5660, 48.8469, 45.5295

Monochromacy



Original Color

54.1170, 49.0952, 38.5223

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5656, 49.4676, 48.5308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1170, 49.0952, 38.5223 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, 172, 157)` looks like.

```
.text, #text, p{  
    color:rgb(232, 172, 157)  
}
```

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, 172, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 172, 157) }
```

Border

The CSS property to change the border of an element to XYZ 54.1170, 49.0952, 38.5223 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, 172, 157) }
```


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

```
.border{ border-color:rgb(232, 172, 157) }
```

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

Here you see how a box with a 4 pixel rgb(232, 172, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 172, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 172, 157);  
box-shadow:4px 4px 4px 4px rgb(232, 172,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1170, 49.0952, 38.5223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 172, 157) }
```

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

```
.background{ background-color: rgb(232,  
172, 157) }
```

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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