

Converting Colors

XYZ(48.8949, 55.9104, 25.8559)

Have a look what the booklet for
XYZ(48.8949, 55.9104, 25.8559)
contains.

XYZ(48.9054, 55.8259, 25.9672)	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(48.9054, 55.8259,
25.9672)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC978
RGB	203, 201, 120
RGB Percent	80%, 79%, 47%
CMY	0.2039, 0.2117, 0.5294
CMYK	0.00, 0.01, 0.41, 0.20
HSL	59°, 44%, 63%
HSV	59°, 41%, 80%
XYZ	48.9054, 55.8259, 25.9672
YIQ	192.3640, 27.1930, -24.7670

Conversions

Conversions Part 2

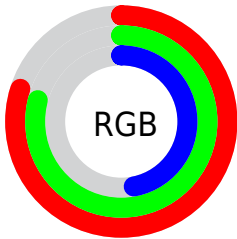
Format	Color
RYB	122, 203, 120
Decimal	13355384
CIELab	79.51, -11.04, 40.65
CIElCh	80, 42.125, 105.194
Yxy	55.8259, 0.3742, 0.4271
Android (android.graphics.Color)	4291545464 (0xFFCBC978)
YUV	192.3640, -35.6755, 9.3278
Hunter-Lab	74.7167, -13.9181, 31.6959

Details

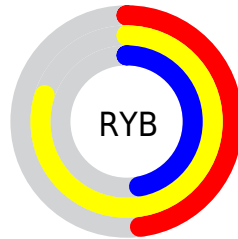
The XYZ color **48.9054, 55.8259, 25.9672** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.4846, 22.2233, 59.4461**, and the grayscale version is **50.5080, 53.1383, 57.8676**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **23.5405, 27.5002, 9.6976** is the 20% darker color. If you saturate the color by 10%, you get **47.6888, 55.1596, 20.1146**, and if you desaturate by 10%, it is **50.3863, 56.6025, 33.1977**.

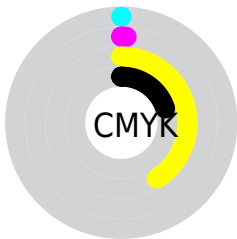
Distribution



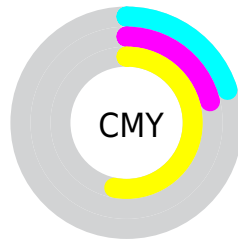
- Red (80%)
- Green (79%)
- Blue (47%)



- Red (48%)
- Yellow (80%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (41%)
- Black (20%)





- Cyan (20%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9054, 55.8259, 25.9672 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 48.9054, 55.8259, 25.9672 by changing the saturation by 10% instead.


 48.9054, 55.8259,
25.9672


 48.9054, 55.8259,
25.9672


372.8929,
409.0351, 296.2214


 34.7587, 40.0634,
16.5736


 87.7525, 98.7500,
54.2055

 23.6427, 27.5879,
9.7722


 113.1836,
126.6803, 73.8872

 15.1921, 18.0153,
5.1445


 143.1068,
159.4353, 97.8353

 9.0415, 10.9610,
2.2721

177.8876,
197.3995, 126.4684

 4.8256, 6.0406,
0.7155

217.8912,
240.9571, 160.2050

 2.1790, 2.8698,
0.0000

263.4831,

 0.7316, 1.0641,

290.4927, 199.4637

0.0000

315.0285,
346.3905, 244.6630

■ 0.0000, 0.0000,
0.0000

■ 48.9054, 55.8259,
25.9672

■ 48.9054, 55.8259,
25.9672

■ 47.6888, 55.1596,
20.1146

■ 50.3863, 56.6025,
33.1977

■ 46.7157, 54.5893,
15.5488

■ 52.1426, 57.4878,
41.8827

■ 45.9690, 54.1101,
12.1731


■ 54.1897, 58.4901,
52.0971

■ 45.4274, 53.7135,
9.8758


■ 56.5407, 59.6144,
63.9099


■ 45.0657, 53.3895,
8.5240


■ 59.2077, 60.8658,
77.3857

 44.8505, 53.1405,
7.8933

 62.2026, 62.2489,
92.5856

 64.3713, 63.3021,
103.4335

 64.4878, 63.5349,
103.4723

 64.6046, 63.7685,
103.5113

Harmonies

Analogous

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



57.3328, 55.8259, 25.9208



48.9054, 55.8259, 25.9672



42.3234, 55.8259, 33.4825

Triad

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



48.9054, 55.8259, 25.9672



42.3906, 55.8259, 100.2507



70.4168, 55.8259, 73.5011

Complementary

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



48.9054, 55.8259, 25.9672



25.4846, 22.2233, 59.4461

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.



65.4762, 55.8259, 99.9386



48.9054, 55.8259, 25.9672



49.0066, 55.8259, 117.9552

Square

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



48.9054, 55.8259, 25.9672



38.8436, 55.8259, 73.8487



57.4453, 55.8259, 117.8277



70.3822, 55.8259, 49.3605

Rectangle

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



48.9054, 55.8259, 25.9672



39.6067, 55.8259, 43.2399



57.4453, 55.8259, 117.8277



69.2614, 55.8259, 82.5304

Sweetspot

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



48.9068, 55.8284, 25.9684



90.2748, 97.7153, 84.9087



34.9060, 27.5543, 22.1419



19.2211, 20.8658, 17.6666



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.



48.9068, 55.8284, 25.9684



80.0823, 92.4924, 34.7687



40.1113, 51.9889, 25.6908



12.1298, 13.0486, 11.9588



28.5529, 33.8388, 5.0266



1.4805, 1.7607, 0.2618

Inverse Universe

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



25.4846, 22.2233, 59.4461



35.6583, 28.7592, 98.2794



31.7417, 25.0891, 59.6695



10.6230, 10.8864, 14.1118



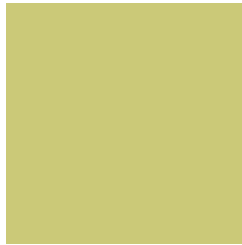
6.9032, 2.8305, 36.1388



0.3639, 0.1615, 1.8669

Previews

White Background



This preview shows how the XYZ color 48.9054, 55.8259, 25.9672 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 48.9054, 55.8259, 25.9672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

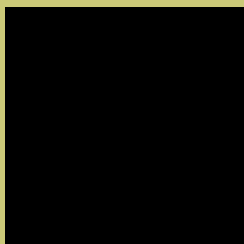
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

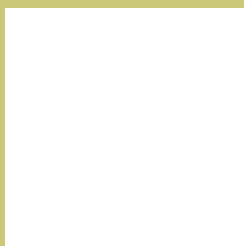
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9054, 55.8259, 25.9672

Background



This preview shows how black text looks on a background with the XYZ color 48.9054, 55.8259, 25.9672.



This preview shows how white text looks on a background with the XYZ color 48.9054, 55.8259,

25.9672.

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

48.9054, 55.8259, 25.9672

Protanopia

51.2606, 55.6876, 25.1866

Deuteranopia

56.8183, 55.5736, 26.4710



Tritanopia

57.2120, 55.8640, 66.1599

Trichromacy



Original Color

48.9054, 55.8259, 25.9672

Protanomaly

50.3878, 55.5690, 25.5229

Deuteranomaly

53.6342, 55.5526, 26.3083

Tritanomaly

53.5475, 55.6807, 48.4826

Monochromacy



Original Color

48.9054, 55.8259, 25.9672

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.1630, 53.5191, 43.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9054, 55.8259, 25.9672 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(203, 201, 120)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 120)  
}
```

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(203, 201, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 120) }
```

Border

The CSS property to change the border of an element to XYZ 48.9054, 55.8259, 25.9672 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(203, 201, 120) }
```


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

```
.border{ border-color:rgb(203, 201, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 120);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9054, 55.8259, 25.9672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 201, 120) }
```

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

```
.background{ background-color: rgb(203,  
201, 120) }
```

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