

Converting Colors

XYZ(54.8125, 61.1576, 40.7494)

Have a look what the booklet for
XYZ(54.8125, 61.1576, 40.7494)
contains.

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Color

**XYZ(54.6541, 60.9560,
40.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D09D
RGB	208, 208, 157
RGB Percent	82%, 82%, 62%
CMY	0.1843, 0.1843, 0.3843
CMYK	0.00, 0.00, 0.25, 0.18
HSL	60°, 35%, 72%
HSV	60°, 25%, 82%
XYZ	54.6541, 60.9560, 40.7834
YIQ	202.1860, 16.3710, -15.8610

Conversions

Conversions Part 2

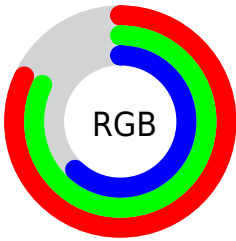
Format	Color
RYB	157, 208, 157
Decimal	13684893
CIELab	82.36, -8.16, 25.41
CIElCh	82, 26.688, 107.811
Yxy	60.9560, 0.3495, 0.3898
Android (android.graphics.Color)	4291874973 (0xFFD0D09D)
YUV	202.1860, -22.2767, 5.0989
Hunter-Lab	78.0743, -11.6753, 23.6809

Details

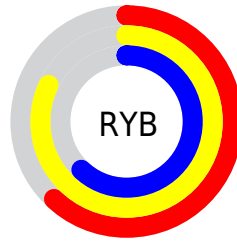
The XYZ color **54.6541, 60.9560, 40.7834** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3491, 35.8377, 64.6269**, and the grayscale version is **56.3841, 59.3204, 64.5999**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **27.2423, 30.9034, 17.8937** is the 20% darker color. If you saturate the color by 10%, you get **53.0274, 60.3073, 32.2133**, and if you desaturate by 10%, it is **56.5864, 61.7311, 50.9484**.

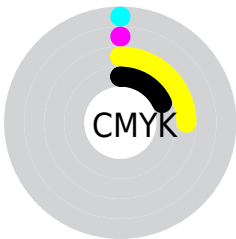
Distribution



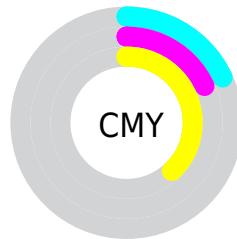
- Red (82%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6541, 60.9560, 40.7834 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 54.6541, 60.9560, 40.7834 by changing the saturation by 10% instead.

■ 54.6541, 60.9560,
40.7834

■ 54.6541, 60.9560,
40.7834

394.7572,
428.1127, 365.0643

■ 39.3576, 44.1897,
27.8315

■ 96.1853, 106.2152,
77.6051

■ 27.2200, 30.8196,
17.9607

■ 123.1506,
135.4769, 102.3119

■ 17.8760, 20.4615,
10.7526

154.7363,
169.6725, 131.7740

■ 10.9601, 12.7310,
5.7887

191.3077,
209.1863, 166.4101

■ 6.1071, 7.2436,
2.6503

233.2301,
254.4029, 206.6387

■ 2.9516, 3.6149,
0.9183

280.8689,

■ 1.1282, 1.4606,

305.7065, 252.8782

0.0000

334.5895,
363.4817, 305.5472

0.0485, 0.2607,
0.0000

0.0000, 0.0000,
0.0000

54.6541, 60.9560,
40.7834

54.6541, 60.9560,
40.7834

53.0274, 60.3073,
32.2133

56.5864, 61.7311,
50.9484

51.6862, 59.7708,
25.1536

58.8336, 62.6300,
62.7794

50.6154, 59.3424,
19.5180

61.4109, 63.6610,
76.3478

49.7966, 59.0148,
15.2097

64.3306, 64.8290,
91.7198

■ 49.2093, 58.7799,
12.1201

■ 66.6227, 65.7459,
103.7866

■ 48.8296, 58.6279,
10.1234

■ 66.6232, 65.7462,
103.7866

■ 48.6283, 58.5473,
9.0666

■ 66.6238, 65.7465,
103.7866

■ 48.5653, 58.5220,
8.7362

■ 66.6244, 65.7468,
103.7867

■ 66.6250, 65.7471,
103.7867

Harmonies

Analogous

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



60.2779, 60.9560, 40.2112



54.6541, 60.9560, 40.7834



50.2021, 60.9560, 47.4718

Triad

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



54.6541, 60.9560, 40.7834



50.8949, 60.9560, 92.4013



69.3035, 60.9560, 73.2094

Complementary

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



54.6541, 60.9560, 40.7834



37.3491, 35.8377, 64.6269

Split Complementary

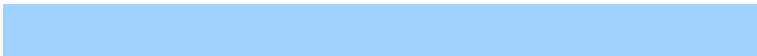
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.4279, 60.9560, 89.7182



54.6541, 60.9560, 40.7834



55.6572, 60.9560, 101.9539

Square

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



54.6541, 60.9560, 40.7834



48.1314, 60.9560, 76.4245



61.3485, 60.9560, 100.8986



68.9910, 60.9560, 57.2398

Rectangle

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



54.6541, 60.9560, 40.7834



48.3846, 60.9560, 55.2255



61.3485, 60.9560, 100.8986



68.6703, 60.9560, 78.9227

Sweetspot

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



54.6557, 60.9587, 40.7847



92.3073, 98.9029, 94.4608



44.1572, 39.9597, 37.2848



19.7096, 21.1501, 19.9658



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.



54.6557, 60.9587, 40.7847



85.3429, 96.1168, 57.7973



48.0537, 57.5553, 40.4757



12.8034, 13.7976, 12.6004



30.2669, 36.4721, 5.4446



1.6924, 2.0393, 0.3044

Inverse Universe

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



37.3491, 35.8377, 64.6269



53.6536, 50.1188, 101.4538



42.8537, 38.6754, 64.8845



11.1638, 11.4178, 14.8591



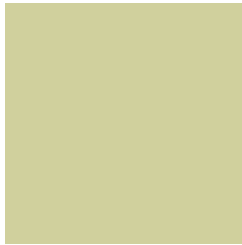
7.0961, 2.8385, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 54.6541, 60.9560, 40.7834 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 54.6541, 60.9560, 40.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

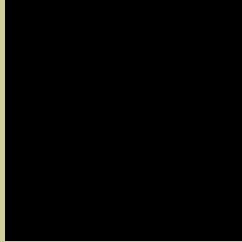
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6541, 60.9560, 40.7834

Background



This preview shows how black text looks on a background with the XYZ color 54.6541, 60.9560, 40.7834.



This preview shows how white text looks on a background with the XYZ color 54.6541, 60.9560,

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

54.6541, 60.9560, 40.7834

Protanopia

56.9611, 61.0893, 39.7996

Deuteranopia

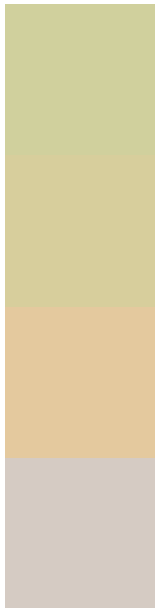
62.1594, 60.9610, 41.2914



Tritanopia

61.3678, 60.8654, 73.4795

Trichromacy



Original Color

54.6541, 60.9560, 40.7834

Protanomaly

56.0964, 60.9900, 40.2681

Deuteranomaly

59.0531, 60.7359, 40.9585

Tritanomaly

58.6468, 60.7981, 60.2740

Monochromacy



Original Color

54.6541, 60.9560, 40.7834

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3576, 59.5683, 55.0345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6541, 60.9560, 40.7834 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(208, 208, 157)` looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 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(208, 208, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 157) }
```

Border

The CSS property to change the border of an element to XYZ 54.6541, 60.9560, 40.7834 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(208, 208, 157) }
```


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

```
.border{ border-color:rgb(208, 208, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 157);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6541, 60.9560, 40.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 157) }
```

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

```
.background{ background-color: rgb(208,  
208, 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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