

Converting Colors

XYZ(49.9770, 55.1654, 41.8507)

Have a look what the booklet for
XYZ(49.9770, 55.1654, 41.8507)
contains.

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Color

**XYZ(50.1451, 55.4258,
41.7735)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C6C7A1 |
| RGB | 198, 199, 161 |
| RGB Percent | 78%, 78%, 63% |
| CMY | 0.2235, 0.2196, 0.3686 |
| CMYK | 0.01, 0.00, 0.19, 0.22 |
| HSL | 62°, 25%, 71% |
| HSV | 62°, 19%, 78% |
| XYZ | 50.1451, 55.4258, 41.7735 |
| YIQ | 194.3690, 11.6020, -12.0300 |

Conversions

Conversions Part 2

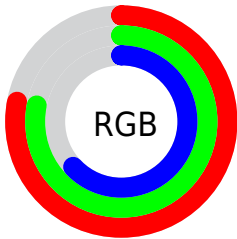
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 161, 199, 162 |
| Decimal | 13027233 |
| CIELab | 79.29, -6.70, 18.96 |
| CIELCh | 79, 20.108, 109.456 |
| Yxy | 55.4258, 0.3403, 0.3762 |
| Android (android.graphics.Color) | 4291217313 (0xFFC6C7A1) |
| YUV | 194.3690, -16.4509, 3.1844 |
| Hunter-Lab | 74.4485, -10.0555, 18.8460 |

Details

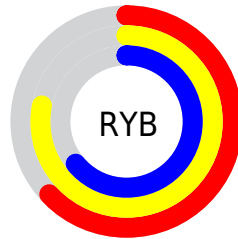
The XYZ color **50.1451, 55.4258, 41.7735** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.9561, 37.2961, 59.2343**, and the grayscale version is **51.5876, 54.2742, 59.1046**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **24.3873, 27.2842, 18.4490** is the 20% darker color. If you saturate the color by 10%, you get **48.3902, 54.7097, 33.2484**, and if you desaturate by 10%, it is **52.1828, 56.2588, 51.7721**.

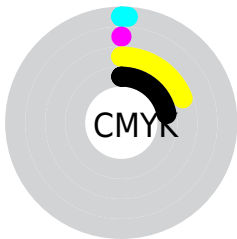
Distribution



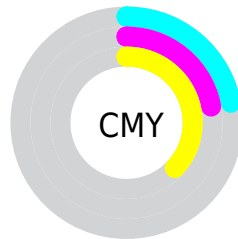
- Red (78%)
- Green (78%)
- Blue (63%)



- Red (63%)
- Yellow (78%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1451, 55.4258, 41.7735 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 50.1451, 55.4258, 41.7735 by changing the saturation by 10% instead.


 50.1451, 55.4258,
41.7735


 50.1451, 55.4258,
41.7735


377.6757,
407.5240, 369.3151

 35.7470, 39.7427,
28.5997


 89.5804, 98.1645,
79.1231

 24.4080, 27.3380,
18.5353


 115.3482,
125.9890, 104.1360

 15.7630, 17.8272,
11.1616


145.6367,
158.6294, 133.9324

 9.4464, 10.8260,
6.0601

180.8111,
196.4701, 168.9308

 5.0929, 5.9500,
2.8123

221.2369,
239.8955, 209.5497

 2.3372, 2.8147,
0.9996

267.2793,

 0.8136, 1.0358,

289.2900, 256.2077

0.0000

319.3038,
345.0380, 309.3233

■ 0.0000, 0.0000,
0.0000

■ 50.1451, 55.4258,
41.7735

■ 50.1451, 55.4258,
41.7735

■ 48.3902, 54.7097,
33.2484

■ 52.1828, 56.2588,
51.7721

■ 46.9005, 54.0979,
26.1237

■ 54.5111, 57.2062,
63.3056

■ 45.6632, 53.5871,
20.3258

■ 57.1432, 58.2752,
76.4359

■ 44.6627, 53.1711,
15.7725

■ 60.0900, 59.4702,
91.2208

■ 43.8818, 52.8429,
12.3726

■ 62.4628, 60.4356,
102.9808

■ 43.3007, 52.5948,
10.0226

■ 62.6042, 60.5084,
102.9874

■ 42.8963, 52.4174,
8.6006

■ 62.7460, 60.5815,
102.9941

■ 42.6291, 52.2949,
7.8988

■ 62.8883, 60.6549,
103.0007

■ 42.6071, 52.2847,
7.8463

■ 63.0311, 60.7285,
103.0074

Harmonies

Analogous

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



54.1092, 55.4258, 41.0800



50.1451, 55.4258, 41.7735



47.0168, 55.4258, 47.0604

Triad

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



50.1451, 55.4258, 41.7735



47.8093, 55.4258, 78.8035



60.6595, 55.4258, 64.4958

Complementary

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



50.1451, 55.4258, 41.7735



37.9561, 37.2961, 59.2343

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.



58.7819, 55.4258, 75.9303



50.1451, 55.4258, 41.7735



51.2773, 55.4258, 84.8615

Square

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



50.1451, 55.4258, 41.7735



45.7165, 55.4258, 68.0354



55.3001, 55.4258, 83.7478



60.3183, 55.4258, 53.2650

Rectangle

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



50.1451, 55.4258, 41.7735



45.7622, 55.4258, 52.9021



55.3001, 55.4258, 83.7478



60.2633, 55.4258, 68.4645

Sweetspot

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



50.1466, 55.4283, 41.7747



92.5350, 98.9768, 96.4319



42.8438, 40.4283, 39.2643



19.7502, 21.1623, 20.3630



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.



50.1466, 55.4283, 41.7747



86.4356, 96.4886, 66.5022



45.5338, 53.0503, 41.5588



11.4951, 12.4022, 11.3508



27.4081, 33.6247, 5.0457



1.3067, 1.5967, 0.2393

Inverse Universe

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



37.9561, 37.2961, 59.2343



61.1314, 58.8502, 102.7450



42.0255, 39.3940, 59.4247



10.0822, 10.3006, 13.3743



6.6828, 2.6794, 34.9093



0.3257, 0.1316, 1.6534

Previews

White Background



This preview shows how the XYZ color 50.1451, 55.4258, 41.7735 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 50.1451, 55.4258, 41.7735 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

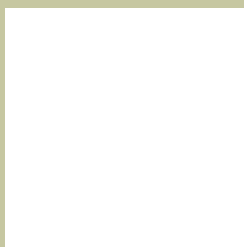
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1451, 55.4258, 41.7735

Background



This preview shows how black text looks on a background with the XYZ color 50.1451, 55.4258, 41.7735.



This preview shows how white text looks on a background with the XYZ color 50.1451, 55.4258,

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

50.1451, 55.4258, 41.7735

Protanopia

52.0975, 55.4278, 41.2105

Deuteranopia

56.4870, 55.3704, 42.3607



Tritanopia

55.3570, 55.5314, 67.4755

Trichromacy



Original Color

50.1451, 55.4258, 41.7735

Protanomaly

51.2133, 55.3079, 41.2340

Deuteranomaly

53.9105, 55.3475, 42.0242

Tritanomaly

53.2762, 55.3484, 57.1656

Monochromacy



Original Color

50.1451, 55.4258, 41.7735

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.6891, 54.4594, 52.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1451, 55.4258, 41.7735 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, 199, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 161)  
}
```

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, 199, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 161) }
```

Border

The CSS property to change the border of an element to XYZ 50.1451, 55.4258, 41.7735 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, 199, 161) }
```


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

```
.border{ border-color:rgb(198, 199, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1451, 55.4258, 41.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 161) }
```

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

```
.background{ background-color: rgb(198,  
199, 161) }
```

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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