

Converting Colors

XYZ(50.5219, 55.3071, 45.6147)

Have a look what the booklet for
XYZ(50.5219, 55.3071, 45.6147)
contains.

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Color

**XYZ(50.3815, 55.1231,
45.5205)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C5C6A9 |
| RGB | 197, 198, 169 |
| RGB Percent | 77%, 78%, 66% |
| CMY | 0.2274, 0.2235, 0.3372 |
| CMYK | 0.01, 0.00, 0.15, 0.22 |
| HSL | 62°, 20%, 72% |
| HSV | 62°, 15%, 78% |
| XYZ | 50.3815, 55.1231, 45.5205 |
| YIQ | 194.3950, 8.7130, -9.2310 |

Conversions

Conversions Part 2

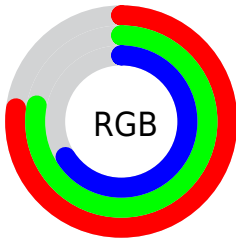
| Format | Color |
|-------------------------------------|--|
| RYB | 169, 198, 170 |
| Decimal | 12961449 |
| CIELab | 79.11, -5.31, 14.44 |
| CIELCh | 79, 15.386, 110.208 |
| Yxy | 55.1231, 0.3336, 0.3650 |
| Android (android.graphics.Color) | 4291151529 (0xFFC5C6A9) |
| YUV | 194.3950, -12.5197, 2.2846 |
| Hunter-Lab | 74.2449, -8.8012, 15.6200 |

Details

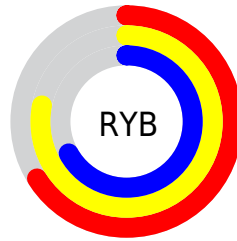
The XYZ color **50.3815, 55.1231, 45.5205** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9607, 41.0006, 59.1842**, and the grayscale version is **51.5818, 54.2680, 59.0979**.

A 20% lighter version of the original color is **90.0876, 97.9726, 84.6835**, and **24.5118, 27.0705, 20.7628** is the 20% darker color. If you saturate the color by 10%, you get **48.4831, 54.3449, 36.4523**, and if you desaturate by 10%, it is **52.5652, 56.0192, 56.0738**.

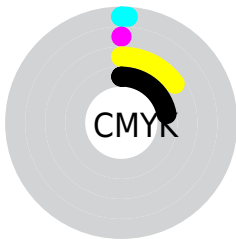
Distribution



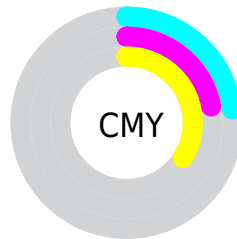
- Red (77%)
- Green (78%)
- Blue (66%)



- Red (66%)
- Yellow (78%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3815, 55.1231, 45.5205 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 50.3815, 55.1231, 45.5205 by changing the saturation by 10% instead.

■ 50.3815, 55.1231,
45.5205

■ 50.3815, 55.1231,
45.5205

378.5833,
406.3784, 385.0990

■ 35.9357, 39.5003,
31.5217

■ 89.9283, 97.7213,
84.8276

■ 24.5544, 27.1491,
20.7346

115.7600,
125.4655, 110.9730

■ 15.8723, 17.6853,
12.7408

146.1177,
158.0189, 142.0044

■ 9.5241, 10.7243,
7.1217

181.3667,
195.7659, 178.3402

■ 5.1444, 5.8817,
3.4587

221.8724,
239.0910, 220.3990

■ 2.3679, 2.7733,
1.3334

268.0002,

■ 0.8291, 1.0146,

288.3785, 268.5994

0.0889

320.1154,
344.0128, 323.3598

■ 0.0000, 0.0000,
0.0000

■ 50.3815, 55.1231,
45.5205

■ 50.3815, 55.1231,
45.5205

■ 48.4831, 54.3449,
36.4523

■ 52.5652, 56.0192,
56.0738

■ 46.8531, 53.6723,
28.7991

■ 55.0416, 57.0306,
68.1709

■ 45.4792, 53.1022,
22.4907

■ 57.8233, 58.1643,
81.8717

■ 44.3467, 52.6288,
17.4492

■ 60.9210, 59.4245,
97.2318

■ 43.4393, 52.2455,
13.5891

■ 62.1793, 59.9490,
102.9018

■ 42.7388, 51.9451,
10.8139

■ 62.3634, 60.0438,
102.9105

■ 42.2240, 51.7191,
9.0124

■ 62.5483, 60.1391,
102.9191

■ 41.8692, 51.5571,
8.0493

■ 62.7340, 60.2349,
102.9278

■ 41.7186, 51.4862,
7.7390

■ 62.9205, 60.3310,
102.9365

Harmonies

Analogous

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



53.4025, 55.1231, 44.8635



50.3815, 55.1231, 45.5205



47.9897, 55.1231, 49.8437

Triad

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



50.3815, 55.1231, 45.5205



48.7075, 55.1231, 73.9589



58.4235, 55.1231, 62.9390

Complementary

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



50.3815, 55.1231, 45.5205



40.9607, 41.0006, 59.1842

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.



57.0574, 55.1231, 71.4942



50.3815, 55.1231, 45.5205



51.3960, 55.1231, 78.2543

Square

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



50.3815, 55.1231, 45.5205



47.0497, 55.1231, 66.0466



54.4570, 55.1231, 77.3108



58.1259, 55.1231, 54.3711

Rectangle

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



50.3815, 55.1231, 45.5205



47.0361, 55.1231, 54.4790



54.4570, 55.1231, 77.3108



58.1416, 55.1231, 65.9238

Sweetspot

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



50.3830, 55.1255, 45.5217



93.3211, 99.2934, 100.4732



44.8204, 43.6086, 43.5919



19.9070, 21.2253, 21.1770



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.



50.3830, 55.1255, 45.5217



87.9387, 97.0882, 74.4916



46.7752, 53.2656, 45.3528



11.4862, 12.3976, 11.3503



27.1448, 33.4889, 5.0333



1.2969, 1.5917, 0.2389

Inverse Universe

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



40.9607, 41.0006, 59.1842



67.6500, 66.6731, 103.9114



44.2618, 42.7024, 59.3387



10.0901, 10.3047, 13.3747



6.6995, 2.6880, 34.9101



0.3293, 0.1335, 1.6536

Previews

White Background



This preview shows how the XYZ color 50.3815, 55.1231, 45.5205 looks on a white background.

Color Contrast Check

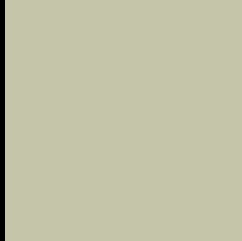
Large Text (above 18pt) WCAG AA × Fail

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 50.3815, 55.1231, 45.5205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

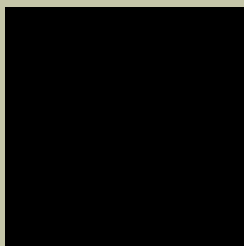
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

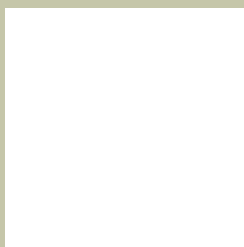
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.3815, 55.1231, 45.5205

Background



This preview shows how black text looks on a background with the XYZ color 50.3815, 55.1231, 45.5205.



This preview shows how white text looks on a background with the XYZ color 50.3815, 55.1231,

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

50.3815, 55.1231, 45.5205

Protanopia

52.0366, 54.9792, 44.9152

Deuteranopia

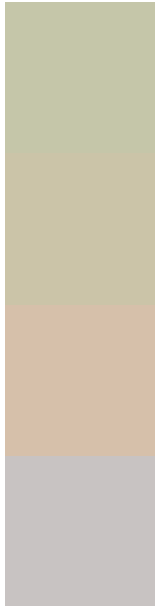
56.2888, 55.1828, 46.2127



Tritanopia

54.8123, 55.2506, 67.4500

Trichromacy



Original Color

50.3815, 55.1231, 45.5205

Protanomaly

51.4364, 55.0035, 44.9515

Deuteranomaly

53.8369, 54.8977, 45.7890

Tritanomaly

53.0721, 55.2046, 58.8973

Monochromacy



Original Color

50.3815, 55.1231, 45.5205

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7777, 54.1351, 53.6718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3815, 55.1231, 45.5205 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(197, 198, 169)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 169)  
}
```

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(197, 198, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 169) }
```

Border

The CSS property to change the border of an element to XYZ 50.3815, 55.1231, 45.5205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

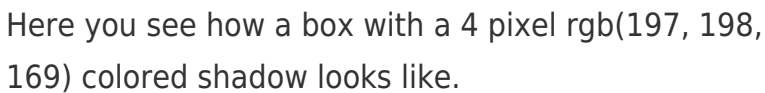
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 198, 169) }
```


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

```
.border{ border-color:rgb(197, 198, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 198, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 198, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 198, 169); box-shadow:4px 4px 4px 4px rgb(197, 198, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3815, 55.1231, 45.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 169) }
```

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

```
.background{ background-color: rgb(197,  
198, 169) }
```

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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