

Converting Colors

XYZ(50.0989, 54.9284, 31.2282)

Have a look what the booklet for
XYZ(50.0989, 54.9284, 31.2282)
contains.

XYZ(50.1423, 54.9755, 31.2611)	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(50.1423, 54.9755,
31.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC588
RGB	207, 197, 136
RGB Percent	81%, 77%, 53%
CMY	0.1882, 0.2274, 0.4667
CMYK	0.00, 0.05, 0.34, 0.19
HSL	52°, 43%, 67%
HSV	52°, 34%, 81%
XYZ	50.1423, 54.9755, 31.2611
YIQ	193.0360, 25.5410, -16.8510

Conversions

Conversions Part 2

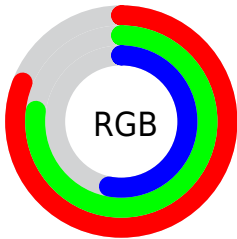
Format	Color
RYB	148, 207, 136
Decimal	13616520
CIELab	79.03, -5.59, 31.90
CIELCh	79, 32.386, 99.939
Yxy	54.9755, 0.3677, 0.4031
Android (android.graphics.Color)	4291806600 (0xFFCFC588)
YUV	193.0360, -28.1187, 12.2464
Hunter-Lab	74.1455, -9.0405, 26.9041

Details

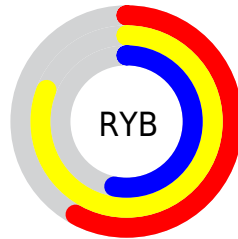
The XYZ color **50.1423, 54.9755, 31.2611** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6945, 30.2961, 63.2087**, and the grayscale version is **50.8605, 53.5092, 58.2715**.

A 20% lighter version of the original color is **85.9761, 95.8613, 62.6869**, and **24.4110, 26.9762, 12.5147** is the 20% darker color. If you saturate the color by 10%, you get **48.1562, 53.1345, 24.0288**, and if you desaturate by 10%, it is **52.4281, 56.9608, 39.9963**.

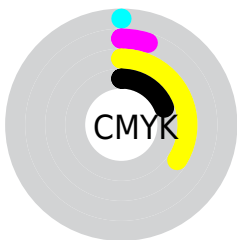
Distribution



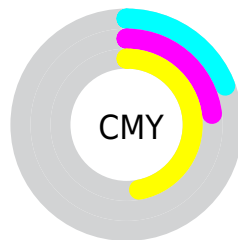
- Red (81%)
- Green (77%)
- Blue (53%)



- Red (58%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1423, 54.9755, 31.2611 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 50.1423, 54.9755, 31.2611 by changing the saturation by 10% instead.

■ 50.1423, 54.9755,
31.2611

■ 50.1423, 54.9755,
31.2611

377.6650,
405.8191, 322.1278

■ 35.7447, 39.3821,
20.5376

■ 89.5762, 97.5051,
62.7353

■ 24.4063, 27.0571,
12.5985

■ 115.3433,
125.2100, 84.3231

■ 15.7617, 17.6161,
7.0252

■ 145.6310,
157.7209, 110.3694

■ 9.4454, 10.6747,
3.3992

180.8045,
195.4222, 141.2928

■ 5.0923, 5.8486,
1.3019

221.2293,
238.6983, 177.5118

■ 2.3368, 2.7532,
0.0633

267.2708,

■ 0.8134, 1.0043,

287.9335, 219.4449

0.0000

319.2942,
343.5123, 267.5107

0.0000, 0.0000,
0.0000

50.1423, 54.9755,
31.2611

50.1423, 54.9755,
31.2611

48.1562, 53.1345,
24.0288

52.4281, 56.9608,
39.9963

46.4492, 51.4235,
18.2094

55.0247, 59.0890,
50.3105

45.0044, 49.8376,
13.7089

57.9475, 61.3684,
62.2789

43.8016, 48.3687,
10.4201

61.2097, 63.8044,
75.9706

42.8170, 47.0070,
8.2191

64.8238, 66.4020,
91.4510

■ 42.0221, 45.7411,
6.9556

■ 67.9527, 68.8266,
104.3111

■ 41.6247, 45.0506,
6.5018

■ 68.6990, 70.3193,
104.5599

■ 69.4587, 71.8385,
104.8131

■ 70.2316, 73.3844,
105.0707

Harmonies

Analogous

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



56.6203, 54.9755, 32.3240



50.1423, 54.9755, 31.2611



44.6928, 54.9755, 36.5595

Triad

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



50.1423, 54.9755, 31.2611



43.3140, 54.9755, 85.6607



64.7809, 54.9755, 72.8788

Complementary

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



50.1423, 54.9755, 31.2611



31.6945, 30.2961, 63.2087

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.



60.6201, 54.9755, 91.4078



50.1423, 54.9755, 31.2611



48.1154, 54.9755, 99.7756

Square

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



50.1423, 54.9755, 31.2611



40.9704, 54.9755, 66.1973



54.4212, 54.9755, 102.0715



65.4362, 54.9755, 53.9388

Rectangle

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



50.1423, 54.9755, 31.2611



42.2427, 54.9755, 43.7808



54.4212, 54.9755, 102.0715



63.7306, 54.9755, 79.4582

Sweetspot

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



50.1437, 54.9780, 31.2622



90.0783, 96.1961, 88.3154



39.7757, 32.9699, 31.7281



19.1404, 20.4799, 18.3319



0.0000, 0.0000, 0.0000



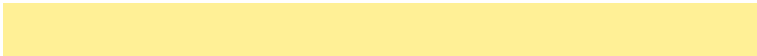
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.1437, 54.9780, 31.2622



78.0246, 85.9631, 41.5247



46.0839, 56.3667, 31.7443



12.6557, 13.5020, 12.5512



26.2780, 28.4890, 4.1139



1.5092, 1.6727, 0.2433

Inverse Universe

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



31.6945, 30.2961, 63.2087



44.1961, 40.7176, 100.1376



34.7349, 29.6755, 62.9287



11.2960, 11.6823, 14.9032



7.4162, 3.4790, 37.4731



0.4591, 0.2834, 2.1101

Previews

White Background



This preview shows how the XYZ color 50.1423, 54.9755, 31.2611 looks on a white background.

Color Contrast Check

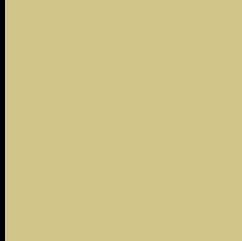
Large Text (above 18pt) WCAG AA × Fail

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 50.1423, 54.9755, 31.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

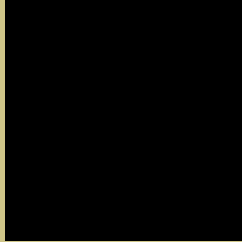
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1423, 54.9755, 31.2611

Background



This preview shows how black text looks on a background with the XYZ color 50.1423, 54.9755, 31.2611.



This preview shows how white text looks on a background with the XYZ color 50.1423, 54.9755,

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

50.1423, 54.9755, 31.2611

Protanopia

50.9771, 55.0780, 30.8660

Deuteranopia

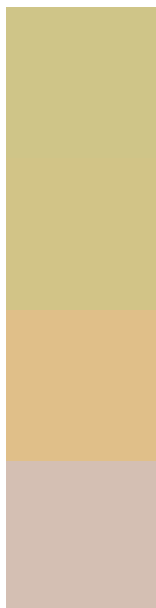
55.9620, 54.6993, 31.6533



Tritanopia

56.7870, 54.7253, 64.0700

Trichromacy



Original Color

50.1423, 54.9755, 31.2611

Protanomaly

50.6914, 54.9308, 30.8526

Deuteranomaly

53.8866, 54.9150, 31.4264

Tritanomaly

53.9189, 54.5133, 50.3281

Monochromacy



Original Color

50.1423, 54.9755, 31.2611

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0269, 53.5679, 46.7327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1423, 54.9755, 31.2611 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(207, 197, 136)` looks like.

```
.text, #text, p{  
    color:rgb(207, 197, 136)  
}
```

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(207, 197, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 197, 136) }
```

Border

The CSS property to change the border of an element to XYZ 50.1423, 54.9755, 31.2611 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(207, 197, 136) }
```


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

```
.border{ border-color:rgb(207, 197, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 197, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 197, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 197, 136);  
box-shadow:4px 4px 4px 4px rgb(207, 197,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1423, 54.9755, 31.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 197, 136) }
```

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

```
.background{ background-color: rgb(207,  
197, 136) }
```

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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