

Converting Colors

XYZ(50.3439, 57.4254, 44.5075)

Have a look what the booklet for
XYZ(50.3439, 57.4254, 44.5075)
contains.

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Color

**XYZ(50.4525, 57.6223,
44.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	C0CDA6
RGB	192, 205, 166
RGB Percent	75%, 80%, 65%
CMY	0.2471, 0.1961, 0.3490
CMYK	0.06, 0.00, 0.19, 0.20
HSL	80°, 28%, 73%
HSV	80°, 19%, 80%
XYZ	50.4525, 57.6223, 44.5395
YIQ	196.6670, 4.7710, -14.8850

Conversions

Conversions Part 2

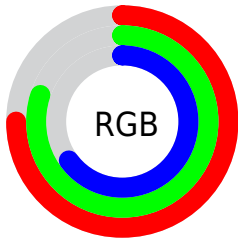
Format	Color
RYB	166, 205, 179
Decimal	12635558
CIELab	80.53, -11.23, 17.96
CIELCh	81, 21.184, 122.011
Yxy	57.6223, 0.3306, 0.3776
Android (android.graphics.Color)	4290825638 (0xFFC0CDA6)
YUV	196.6670, -15.1188, -4.0930
Hunter-Lab	75.9094, -14.2029, 18.3484

Details

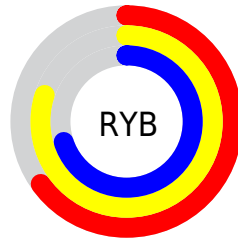
The XYZ color **50.4525, 57.6223, 44.5395** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.2484, 41.2655, 63.4464**, and the grayscale version is **52.9577, 55.7156, 60.6743**.

A 20% lighter version of the original color is **87.8781, 96.8802, 82.4747**, and **24.5851, 28.7514, 20.1734** is the 20% darker color. If you saturate the color by 10%, you get **47.0297, 56.0597, 35.3331**, and if you desaturate by 10%, it is **54.2586, 59.3513, 55.3310**.

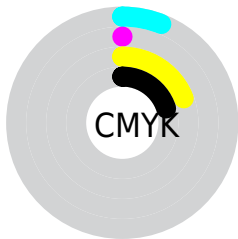
Distribution



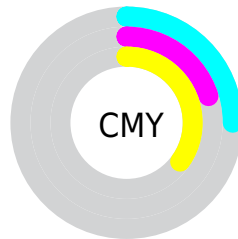
- Red (75%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4525, 57.6223, 44.5395 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 50.4525, 57.6223, 44.5395 by changing the saturation by 10% instead.

■ 50.4525, 57.6223,
44.5395

■ 50.4525, 57.6223,
44.5395

378.8557,
415.7771, 381.0109

■ 35.9923, 41.5051,
30.7546

■ 90.0328, 101.3726,
83.3401

■ 24.5984, 28.7140,
20.1551

■ 115.8836,
129.7745, 109.1928

■ 15.9052, 18.8645,
12.3227

146.2620,
163.0401, 139.9051

■ 9.5475, 11.5724,
6.8386

181.5334,
201.5538, 175.8957

■ 5.1600, 6.4533,
3.2845

222.0631,
245.6999, 217.5830

■ 2.3771, 3.1226,
1.2417

268.2165,

■ 0.8337, 1.1961,

295.8629, 265.3856

0.0132

320.3589,
352.4272, 319.7221

■ 0.0000, 0.0585,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.4525, 57.6223,
44.5395

■ 50.4525, 57.6223,
44.5395

■ 47.0297, 56.0597,
35.3331

■ 54.2586, 59.3513,
55.3310

■ 43.9702, 54.6498,
27.6333

■ 58.4577, 61.2449,
67.7737

■ 41.2594, 53.3883,
21.3607

■ 63.0648, 63.3113,
81.9342

■ 38.8792, 52.2680,
16.4271

■ 68.0926, 65.5556,
97.8746

■ 36.8099, 51.2809,
12.7342

■ 71.3019, 67.0823,
103.7979

■ 35.0291, 50.4178,
10.1708

■ 73.4906, 68.2106,
103.9003

■ 33.5108, 49.6681,
8.6052

■ 75.7657, 69.3835,
104.0068

■ 32.2124, 49.0148,
7.8204

■ 78.1282, 70.6014,
104.1174

■ 32.0923, 48.9541,
7.7577

■ 80.5790, 71.8648,
104.2321

Harmonies

Analogous

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



54.4752, 57.6223, 41.7142



50.4525, 57.6223, 44.5395



47.7084, 57.6223, 52.1556

Triad

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



50.4525, 57.6223, 44.5395



50.9354, 57.6223, 86.3637



63.5612, 57.6223, 61.9039

Complementary

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



50.4525, 57.6223, 44.5395



43.2484, 41.2655, 63.4464

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.



62.4924, 57.6223, 74.6695



50.4525, 57.6223, 44.5395



55.0623, 57.6223, 89.8591

Square

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



50.4525, 57.6223, 44.5395



47.9766, 57.6223, 76.3167



59.3234, 57.6223, 85.3276



62.1724, 57.6223, 50.8788

Rectangle

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



50.4525, 57.6223, 44.5395



46.8947, 57.6223, 59.4697



59.3234, 57.6223, 85.3276



63.4772, 57.6223, 66.1299

Sweetspot

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



50.4540, 57.6248, 44.5407



90.8317, 98.0987, 96.3522



48.1820, 47.9744, 42.7978



19.3466, 20.9542, 20.3441



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.



50.4540, 57.6248, 44.5407



80.1719, 93.2595, 66.2091



45.8393, 55.2459, 44.3248



11.7763, 12.9021, 11.9491



20.0819, 30.5279, 4.8341



1.1144, 1.6153, 0.2531

Inverse Universe

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



43.2484, 41.2655, 63.4464



66.1597, 61.4424, 102.9803



48.0785, 43.7555, 63.6724



10.9483, 11.0227, 14.1209



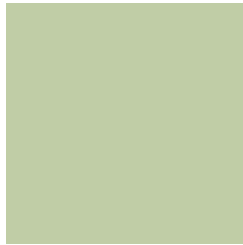
8.4500, 3.5637, 36.1988



0.5163, 0.2253, 1.8712

Previews

White Background



This preview shows how the XYZ color 50.4525, 57.6223, 44.5395 looks on a white background.

Color Contrast Check

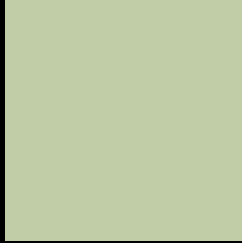
Large Text (above 18pt) WCAG AA × Fail

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 50.4525, 57.6223, 44.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

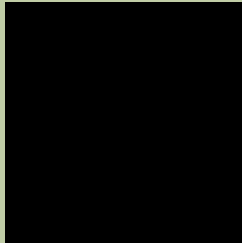
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

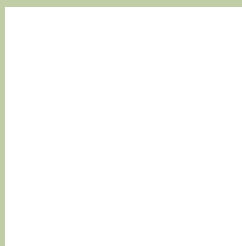
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4525, 57.6223, 44.5395

Background



This preview shows how black text looks on a background with the XYZ color 50.4525, 57.6223, 44.5395.



This preview shows how white text looks on a background with the XYZ color 50.4525, 57.6223,

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

50.4525, 57.6223, 44.5395

Protanopia

53.8983, 57.3401, 42.8773

Deuteranopia

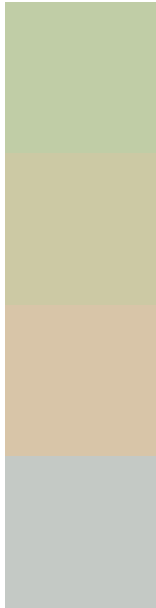
58.6442, 57.3868, 45.5220



Tritanopia

55.8849, 57.3853, 71.7494

Trichromacy



Original Color

50.4525, 57.6223, 44.5395

Protanomaly

52.4893, 57.2910, 43.4137

Deuteranomaly

55.3530, 57.3586, 45.1997

Tritanomaly

53.7296, 57.5403, 61.0979

Monochromacy



Original Color

50.4525, 57.6223, 44.5395

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0229, 56.4558, 54.6095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4525, 57.6223, 44.5395 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(192, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 166)  
}
```

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(192, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 166) }
```

Border

The CSS property to change the border of an element to XYZ 50.4525, 57.6223, 44.5395 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(192, 205, 166) }
```


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

```
.border{ border-color:rgb(192, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 205, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 205, 166); box-shadow:4px 4px 4px 4px rgb(192, 205, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4525, 57.6223, 44.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 166) }
```

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

```
.background{ background-color: rgb(192,  
205, 166) }
```

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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