

Converting Colors

XYZ(52.9869, 60.1087, 44.4825)

Have a look what the booklet for
XYZ(52.9869, 60.1087, 44.4825)
contains.

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Color

**XYZ(52.9006, 59.9705,
44.3846)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D0A5
RGB	199, 208, 165
RGB Percent	78%, 82%, 65%
CMY	0.2196, 0.1843, 0.3529
CMYK	0.04, 0.00, 0.21, 0.18
HSL	73°, 31%, 73%
HSV	73°, 21%, 82%
XYZ	52.9006, 59.9705, 44.3846
YIQ	200.4070, 8.4390, -15.2810

Conversions

Conversions Part 2

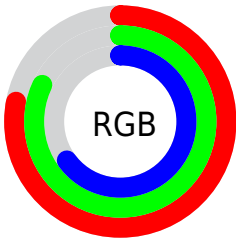
Format	Color
RYB	165, 208, 174
Decimal	13095077
CIELab	81.82, -10.36, 20.37
CIElCh	82, 22.850, 116.965
Yxy	59.9705, 0.3364, 0.3814
Android (android.graphics.Color)	4291285157 (0xFFC7D0A5)
YUV	200.4070, -17.4557, -1.2339
Hunter-Lab	77.4406, -13.5856, 20.2267

Details

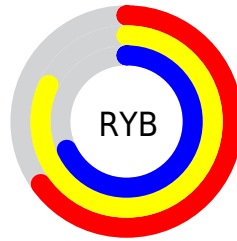
The XYZ color **52.9006, 59.9705, 44.3846** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2982, 40.4646, 65.2589**, and the grayscale version is **55.2527, 58.1301, 63.3037**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **26.2133, 30.3232, 20.0942** is the 20% darker color. If you saturate the color by 10%, you get **50.0207, 58.6889, 35.1580**, and if you desaturate by 10%, it is **56.1247, 61.3976, 55.2371**.

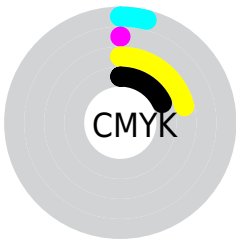
Distribution



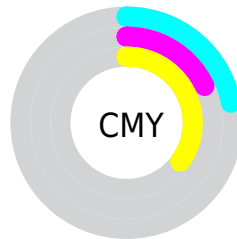
- Red (78%)
- Green (82%)
- Blue (65%)



- Red (65%)
- Yellow (82%)
- Blue (68%)



- Cyan (4%)
- Magenta (0%)
- Yellow (21%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9006, 59.9705, 44.3846 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 52.9006, 59.9705, 44.3846 by changing the saturation by 10% instead.

■ 52.9006, 59.9705,
44.3846

■ 52.9006, 59.9705,
44.3846

388.1708,
424.4890, 380.3626

■ 37.9506, 43.3949,
30.6336

■ 93.6245, 104.7869,
83.1048

■ 26.1214, 30.1950,
20.0639

■ 120.1290,
133.7964, 108.9110

■ 17.0476, 19.9867,
12.2569

151.2158,
167.7193, 139.5728

■ 10.3640, 12.3854,
6.7943

187.2502,
206.9401, 175.5085

■ 5.7050, 7.0067,
3.2573

228.5976,
251.8430, 217.1369

■ 2.7055, 3.4663,
1.2275

275.6232,

■ 1.0000, 1.3797,

302.8126, 264.8763

0.0012

328.6925,
360.2331, 319.1454

■ 0.0000, 0.2017,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9006, 59.9705,
44.3846

■ 52.9006, 59.9705,
44.3846

■ 50.0207, 58.6889,
35.1580

■ 56.1247, 61.3976,
55.2371

■ 47.4651, 57.5389,
27.4751

■ 59.7025, 62.9680,
67.7846

■ 45.2190, 56.5164,
21.2525

■ 63.6487, 64.6896,
82.0969

■ 43.2646, 55.6143,
16.3971

■ 67.9759, 66.5676,
98.2389

41.5818, 54.8245,
12.8054

70.3583, 67.6716,
103.9614

40.1479, 54.1380,
10.3589

71.7001, 68.3633,
104.0242

38.9359, 53.5438,
8.9169

73.0764, 69.0728,
104.0886

37.9601, 53.0548,
8.2399

74.4877, 69.8003,
104.1546

75.9341, 70.5460,
104.2223

Harmonies

Analogous

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



57.4923, 59.9705, 42.2191



52.9006, 59.9705, 44.3846



49.5790, 59.9705, 51.8717

Triad

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



52.9006, 59.9705, 44.3846



52.0960, 59.9705, 90.1694



66.7638, 59.9705, 66.7131

Complementary

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



52.9006, 59.9705, 44.3846



42.2982, 40.4646, 65.2589

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.



65.1272, 59.9705, 80.8609



52.9006, 59.9705, 44.3846



56.5109, 59.9705, 95.5473

Square

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



52.9006, 59.9705, 44.3846



49.1332, 59.9705, 78.0862



61.3062, 59.9705, 91.9234



65.6650, 59.9705, 53.9877

Rectangle

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



52.9006, 59.9705, 44.3846



48.4403, 59.9705, 59.4926



61.3062, 59.9705, 91.9234



66.5133, 59.9705, 71.4686

Sweetspot

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



52.9022, 59.9731, 44.3859



91.5148, 98.4509, 96.3842



47.8649, 46.2460, 42.0018



19.5083, 21.0376, 20.3517



0.0000, 0.0000, 0.0000



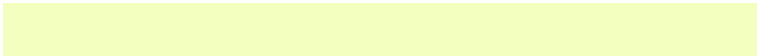
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9022, 59.9731, 44.3859



81.6899, 94.1082, 63.2938



47.6866, 57.2844, 44.1418



12.5510, 13.6675, 12.5886



23.7403, 33.1075, 5.1391



1.3897, 1.8833, 0.2903

Inverse Universe

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



42.2982, 40.4646, 65.2589



61.8016, 57.5129, 102.4515



47.3739, 43.0812, 65.4965



11.3917, 11.5352, 14.8698



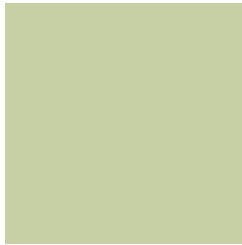
7.7972, 3.1999, 37.3992



0.5037, 0.2138, 2.0943

Previews

White Background



This preview shows how the XYZ color 52.9006, 59.9705, 44.3846 looks on a white background.

Color Contrast Check

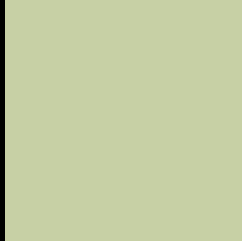
Large Text (above 18pt) WCAG AA × Fail

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 52.9006, 59.9705, 44.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

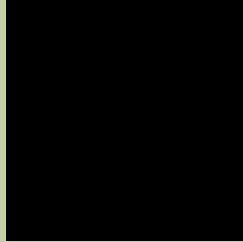
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

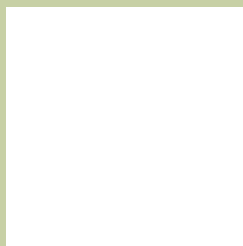
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9006, 59.9705, 44.3846

Background



This preview shows how black text looks on a background with the XYZ color 52.9006, 59.9705, 44.3846.



This preview shows how white text looks on a background with the XYZ color 52.9006, 59.9705,

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

52.9006, 59.9705, 44.3846

Protanopia

56.2857, 59.9551, 43.2563

Deuteranopia

60.8439, 59.5195, 45.3274



Tritanopia

58.8646, 59.9049, 74.1059

Trichromacy



Original Color

52.9006, 59.9705, 44.3846

Protanomaly

55.1105, 60.0446, 43.8071

Deuteranomaly

57.7535, 59.6282, 45.0247

Tritanomaly

56.4145, 59.9595, 62.0260

Monochromacy



Original Color

52.9006, 59.9705, 44.3846

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.1450, 58.5791, 55.4669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9006, 59.9705, 44.3846 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(199, 208, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 165)  
}
```

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(199, 208, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 165) }
```

Border

The CSS property to change the border of an element to XYZ 52.9006, 59.9705, 44.3846 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(199, 208, 165) }
```


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

```
.border{ border-color:rgb(199, 208, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9006, 59.9705, 44.3846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 165) }
```

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

```
.background{ background-color: rgb(199,  
208, 165) }
```

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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