

Converting Colors

XYZ(51.9582, 59.3885, 45.4698)

Have a look what the booklet for
XYZ(51.9582, 59.3885, 45.4698)
contains.

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Color

**XYZ(52.0366, 59.5039,
45.3020)**

Conversions

Conversions Part 1	
Format	Color
Hex	C3D0A7
RGB	195, 208, 167
RGB Percent	76%, 82%, 65%
CMY	0.2353, 0.1843, 0.3451
CMYK	0.06, 0.00, 0.20, 0.18
HSL	79°, 30%, 74%
HSV	79°, 20%, 82%
XYZ	52.0366, 59.5039, 45.3020
YIQ	199.4390, 5.4130, -15.5070

Conversions

Conversions Part 2

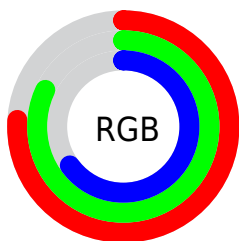
Format	Color
RYB	167, 208, 180
Decimal	12832935
CIELab	81.57, -11.52, 18.91
CIELCh	82, 22.143, 121.338
Yxy	59.5039, 0.3318, 0.3794
Android (android.graphics.Color)	4291023015 (0xFFC3D0A7)
YUV	199.4390, -15.9924, -3.8930
Hunter-Lab	77.1388, -14.5796, 19.1774

Details

The XYZ color **52.0366, 59.5039, 45.3020** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.0287, 41.8965, 65.4441**, and the grayscale version is **54.6490, 57.4950, 62.6121**.

A 20% lighter version of the original color is **89.0897, 97.4894, 83.2290**, and **25.6346, 30.0117, 20.6614** is the 20% darker color. If you saturate the color by 10%, you get **48.5997, 57.9385, 35.8981**, and if you desaturate by 10%, it is **55.8613, 61.2371, 56.3410**.

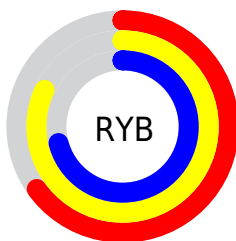
Distribution



Red (76%)

Green (82%)

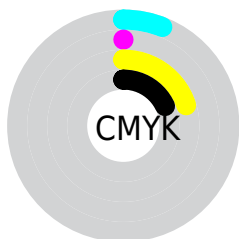
Blue (65%)



Red (65%)

Yellow (82%)

Blue (71%)

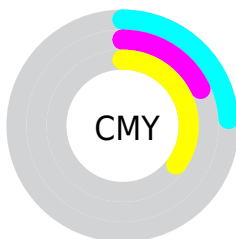


Cyan (6%)

Magenta (0%)

Yellow (20%)

Black (18%)



Cyan (24%)


Magenta (18%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0366, 59.5039, 45.3020 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 52.0366, 59.5039, 45.3020 by changing the saturation by 10% instead.


 52.0366, 59.5039,
45.3020


 52.0366, 59.5039,
45.3020


384.8995,
422.7667, 384.1910

 37.2586, 43.0189,
31.3507


 92.3591, 104.1097,
84.4967

 25.5824, 29.8999,
20.6053


 118.6344,
132.9992, 110.5771

 16.6425, 19.7626,
12.6474

149.4728,
166.7924, 141.5376

 10.0737, 12.2226,
7.0583

185.2397,
205.8736, 177.7968

 5.5105, 6.8955,
3.4196

226.3005,
250.6273, 219.7732

 2.5876, 3.3968,
1.3127


273.0205,


 0.9396, 1.3422,


301.4378, 267.8854


0.0721


325.7650,
358.6894, 322.5518


 0.0000, 0.1736,
0.0000


 0.0000, 0.0000,
0.0000


 52.0366, 59.5039,
45.3020


 52.0366, 59.5039,
45.3020


 48.5997, 57.9385,
35.8981

 55.8613, 61.2371,
56.3410


 45.5302, 56.5267,
28.0476

 60.0838, 63.1362,
69.0838


 42.8127, 55.2642,
21.6677


 64.7196, 65.2095,
83.5999


 40.4287, 54.1434,
16.6663


 69.7817, 67.4624,
99.9538


 38.3577, 53.1561,
12.9410


 72.5975, 68.8259,
104.0662


 36.5766, 52.2929,
10.3749


 74.7305, 69.9255,
104.1660


 35.0581, 51.5426,
8.8300

 76.9441, 71.0667,
104.2696

 33.7543, 50.8862,
8.0601

 79.2394, 72.2499,
104.3770

 33.7184, 50.8681,
8.0414

 81.6171, 73.4757,
104.4883

Harmonies

Analogous

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



56.3484, 59.5039, 42.4301



52.0366, 59.5039, 45.3020



49.0745, 59.5039, 53.2765

Triad

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



52.0366, 59.5039, 45.3020



52.3791, 59.5039, 89.9321



65.9661, 59.5039, 64.1941

Complementary

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



52.0366, 59.5039, 45.3020



44.0287, 41.8965, 65.4441

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.



64.7632, 59.5039, 77.8523



52.0366, 59.5039, 45.3020



56.7655, 59.5039, 93.8810

Square

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



52.0366, 59.5039, 45.3020



49.2645, 59.5039, 79.0275



61.3312, 59.5039, 89.1909



64.5352, 59.5039, 52.3736

Rectangle

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



52.0366, 59.5039, 45.3020



48.1768, 59.5039, 61.0122



61.3312, 59.5039, 89.1909



65.8559, 59.5039, 68.7198

Sweetspot

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



52.0382, 59.5065, 45.3033



90.9209, 98.1447, 96.3564



49.3075, 48.8377, 43.3879



19.3677, 20.9651, 20.3451



0.0000, 0.0000, 0.0000



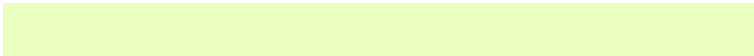
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0382, 59.5065, 45.3033



79.9312, 93.1688, 64.6918



47.1038, 56.9627, 45.0724



12.4236, 13.6018, 12.5827



21.1181, 31.7558, 5.0164



1.2611, 1.8170, 0.2842

Inverse Universe

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



44.0287, 41.8965, 65.4441



64.7988, 59.8922, 102.7528



49.1548, 44.5390, 65.6840



11.5115, 11.5970, 14.8754



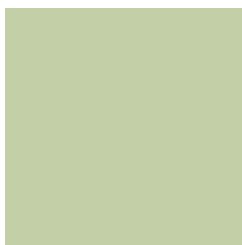
8.5840, 3.6055, 37.4360



0.5619, 0.2438, 2.0970

Previews

White Background



This preview shows how the XYZ color 52.0366, 59.5039, 45.3020 looks on a white background.

Color Contrast Check

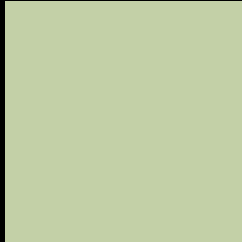
Large Text (above 18pt) WCAG AA × Fail

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 52.0366, 59.5039, 45.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

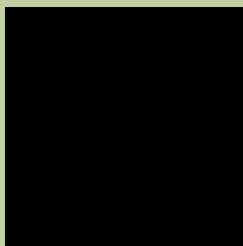
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

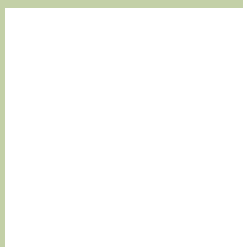
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0366, 59.5039, 45.3020

Background



This preview shows how black text looks on a background with the XYZ color 52.0366, 59.5039, 45.3020.



This preview shows how white text looks on a background with the XYZ color 52.0366, 59.5039,

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

52.0366, 59.5039, 45.3020

Protanopia

55.8457, 59.3685, 43.6378

Deuteranopia

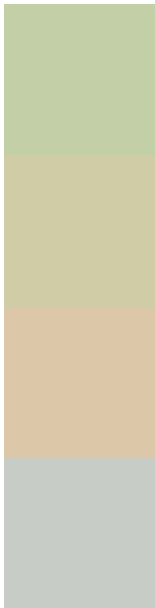
60.7025, 59.4249, 46.3010



Tritanopia

57.7682, 59.3396, 74.0546

Trichromacy



Original Color
52.0366, 59.5039, 45.3020

Protanomaly
54.3968, 59.3122, 44.1787

Deuteranomaly
57.3309, 59.3888, 45.9776

Tritanomaly
55.4549, 59.4514, 62.5853

Monochromacy



Original Color
52.0366, 59.5039, 45.3020

Achromatopsia
54.2854, 57.1125, 62.1955

Achromatomaly
53.3789, 57.8347, 55.3636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0366, 59.5039, 45.3020 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(195, 208, 167) looks like.

```
.text, #text, p{  
    color:rgb(195, 208, 167)  
}
```

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(195, 208, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 167) }
```

Border

The CSS property to change the border of an element to XYZ 52.0366, 59.5039, 45.3020 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(195, 208, 167) }
```


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

```
.border{ border-color:rgb(195, 208, 167) }
```

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

Here you see how a box with a 4 pixel rgb(195, 208, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 208, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 208, 167);  
box-shadow:4px 4px 4px 4px rgb(195, 208,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0366, 59.5039, 45.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 208, 167) }
```

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

```
.background{ background-color: rgb(195,  
208, 167) }
```

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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