

Converting Colors

XYZ(50.4951, 58.3134, 39.5715)

Have a look what the booklet for
XYZ(50.4951, 58.3134, 39.5715)
contains.

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Color

**XYZ(50.7349, 58.5943,
39.6462)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CF9B
RGB	195, 207, 155
RGB Percent	76%, 81%, 61%
CMY	0.2353, 0.1882, 0.3921
CMYK	0.06, 0.00, 0.25, 0.19
HSL	74°, 35%, 71%
HSV	74°, 25%, 81%
XYZ	50.7349, 58.5943, 39.6462
YIQ	197.4840, 9.5400, -18.7160

Conversions

Conversions Part 2

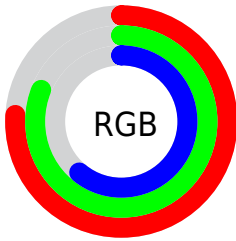
Format	Color
RYB	155, 207, 167
Decimal	12832667
CIELab	81.07, -12.80, 24.54
CIELCh	81, 27.681, 117.547
Yxy	58.5943, 0.3406, 0.3933
Android (android.graphics.Color)	4291022747 (0xFFC3CF9B)
YUV	197.4840, -20.9446, -2.1785
Hunter-Lab	76.5469, -15.6482, 22.8746

Details

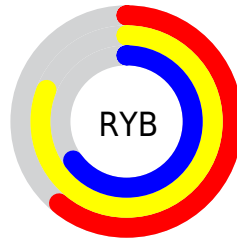
The XYZ color **50.7349, 58.5943, 39.6462** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9225, 36.1648, 63.9638**, and the grayscale version is **53.4836, 56.2690, 61.2769**.

A 20% lighter version of the original color is **87.5377, 96.8686, 75.0565**, and **24.8239, 29.4245, 17.2031** is the 20% darker color. If you saturate the color by 10%, you get **47.9289, 57.3335, 31.2050**, and if you desaturate by 10%, it is **53.8816, 59.9999, 49.6614**.

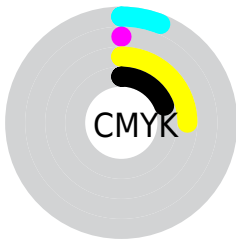
Distribution



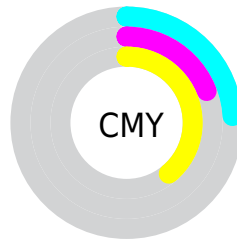
- Red (76%)
- Green (81%)
- Blue (61%)



- Red (61%)
- Yellow (81%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7349, 58.5943, 39.6462 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 50.7349, 58.5943, 39.6462 by changing the saturation by 10% instead.

■ 50.7349, 58.5943,
39.6462

■ 50.7349, 58.5943,
39.6462

379.9376,
419.3968, 360.1378

■ 36.2179, 42.2866,
26.9511

■ 90.4481, 102.7878,
75.8556

■ 24.7734, 29.3258,
17.3044

■ 116.3750,
131.4424, 100.2071

■ 16.0361, 19.3274,
10.2875

146.8359,
164.9814, 129.2810

■ 9.6407, 11.9071,
5.4819

182.1961,
203.7893, 163.4961

■ 5.2218, 6.6804,
2.4691

222.8210,
248.2503, 203.2707

■ 2.4141, 3.2631,
0.8237

269.0760,

■ 0.8521, 1.2706,

298.7490, 249.0235

0.0000

321.3264,
355.6697, 301.1730

■ 0.0000, 0.1182,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7349, 58.5943,
39.6462

■ 50.7349, 58.5943,
39.6462

■ 47.9289, 57.3335,
31.2050

■ 53.8816, 59.9999,
49.6614

■ 45.4434, 56.2035,
24.2540

■ 57.3788, 61.5483,
61.3212

■ 43.2630, 55.1999,
18.7073

■ 61.2416, 63.2476,
74.6965

■ 41.3691, 54.3154,
14.4687

■ 65.4829, 65.1030,
89.8528

■ 39.7407, 53.5416,
11.4300

■ 69.5454, 66.8916,
103.8537

■ 38.3537, 52.8686,
9.4657

■ 71.0029, 67.6430,
103.9219

■ 37.1785, 52.2846,
8.4224

■ 72.5021, 68.4158,
103.9920

■ 36.6557, 52.0215,
8.1092

■ 74.0431, 69.2103,
104.0642

■ 75.6265, 70.0266,
104.1383

Harmonies

Analogous

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



56.1666, 58.5943, 37.1100



50.7349, 58.5943, 39.6462



46.8757, 58.5943, 48.2750

Triad

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



50.7349, 58.5943, 39.6462



49.9687, 58.5943, 94.4140



67.4817, 58.5943, 65.1637

Complementary

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



50.7349, 58.5943, 39.6462



38.9225, 36.1648, 63.9638

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.



65.5499, 58.5943, 82.3388



50.7349, 58.5943, 39.6462



55.2204, 58.5943, 100.9413

Square

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



50.7349, 58.5943, 39.6462



46.4553, 58.5943, 79.5882



60.9622, 58.5943, 96.1844



66.0788, 58.5943, 50.2501

Rectangle

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



50.7349, 58.5943, 39.6462



45.5808, 58.5943, 57.2134



60.9622, 58.5943, 96.1844



67.1980, 58.5943, 70.8720

Sweetspot

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



50.7364, 58.5969, 39.6475



90.2263, 97.8728, 92.4305



45.3353, 43.0032, 36.9222



19.1271, 20.8670, 19.1640



0.0000, 0.0000, 0.0000



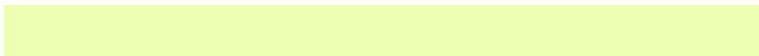
20.3446, 21.4041, 23.3091

Same Dimension

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



50.7364, 58.5969, 39.6475



78.8851, 92.8177, 56.1411



44.7512, 55.5114, 39.3673



12.5255, 13.6543, 12.5874



23.1797, 32.8185, 5.1129



1.3627, 1.8693, 0.2890

Inverse Universe

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



38.9225, 36.1648, 63.9638



56.8765, 51.0173, 101.4573



44.7917, 39.1904, 64.2385



11.4154, 11.5475, 14.8709



7.9269, 3.2668, 37.4052



0.5147, 0.2195, 2.0948

Previews

White Background



This preview shows how the XYZ color 50.7349, 58.5943, 39.6462 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 50.7349, 58.5943, 39.6462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

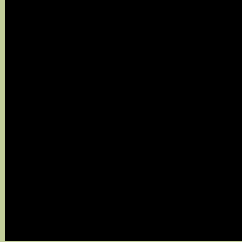
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

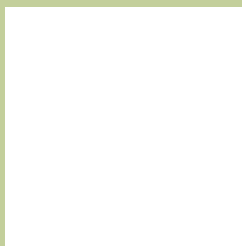
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7349, 58.5943, 39.6462

Background



This preview shows how black text looks on a background with the XYZ color 50.7349, 58.5943, 39.6462.



This preview shows how white text looks on a background with the XYZ color 50.7349, 58.5943,

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

50.7349, 58.5943, 39.6462

Protanopia

54.5785, 58.4874, 38.1184

Deuteranopia

59.5025, 58.2707, 40.4590



Tritanopia

57.3178, 58.4497, 72.5509

Trichromacy



Original Color

50.7349, 58.5943, 39.6462

Protanomaly

53.1181, 58.4217, 38.6139

Deuteranomaly

55.7951, 58.0381, 40.1601

Tritanomaly

54.5656, 58.3707, 58.8428

Monochromacy



Original Color

50.7349, 58.5943, 39.6462

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0951, 56.8864, 52.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7349, 58.5943, 39.6462 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, 207, 155)` looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 155)  
}
```

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, 207, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 155) }
```

Border

The CSS property to change the border of an element to XYZ 50.7349, 58.5943, 39.6462 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, 207, 155) }
```


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

```
.border{ border-color:rgb(195, 207, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 155);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7349, 58.5943, 39.6462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 155) }
```

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

```
.background{ background-color: rgb(195,  
207, 155) }
```

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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