

Converting Colors

XYZ(49.3622, 58.7035, 39.2559)

Have a look what the booklet for
XYZ(49.3622, 58.7035, 39.2559)
contains.

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Color

**XYZ(49.3722, 58.6254,
39.2855)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD19A
RGB	188, 209, 154
RGB Percent	74%, 82%, 60%
CMY	0.2627, 0.1804, 0.3961
CMYK	0.10, 0.00, 0.26, 0.18
HSL	83°, 37%, 71%
HSV	83°, 26%, 82%
XYZ	49.3722, 58.6254, 39.2855
YIQ	196.4510, 5.1390, -21.5570

Conversions

Conversions Part 2

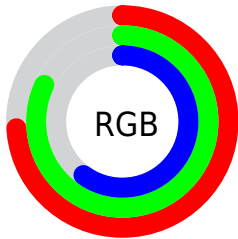
Format	Color
RYB	154, 209, 175
Decimal	12374426
CIELab	81.09, -16.54, 25.01
CIELCh	81, 29.982, 123.482
Yxy	58.6254, 0.3352, 0.3980
Android (android.graphics.Color)	4290564506 (0xFFBCD19A)
YUV	196.4510, -20.9283, -7.4115
Hunter-Lab	76.5672, -18.8920, 23.1762

Details

The XYZ color **49.3722, 58.6254, 39.2855** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7459, 36.8303, 65.2863**, and the grayscale version is **52.8612, 55.6141, 60.5638**.

A 20% lighter version of the original color is **84.9248, 95.5359, 74.2859**, and **23.9511, 29.4703, 16.9964** is the 20% darker color. If you saturate the color by 10%, you get **45.8691, 57.0052, 30.8126**, and if you desaturate by 10%, it is **53.2902, 60.4280, 49.3623**.

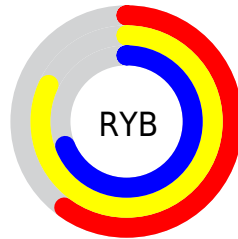
Distribution



Red (74%)

Green (82%)

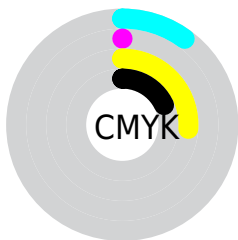
Blue (60%)



Red (60%)

Yellow (82%)

Blue (69%)

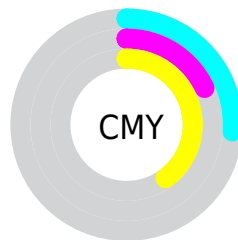


Cyan (10%)

Magenta (0%)

Yellow (26%)

Black (18%)



Cyan (26%)


Magenta (18%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3722, 58.6254, 39.2855 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 49.3722, 58.6254, 39.2855 by changing the saturation by 10% instead.


 49.3722, 58.6254,
39.2855


 49.3722, 58.6254,
39.2855

374.6985,
419.5123, 358.5649

 35.1306, 42.3116,
26.6724


 88.4414, 102.8330,
75.2994

 23.9305, 29.3454,
17.0971

 113.9997,
131.4957, 99.5373

 15.4065, 19.3423,
10.1410


144.0609,
165.0434, 128.4871

 9.1933, 11.9178,
5.3857

178.9904,
203.8607, 162.5674

 4.9256, 6.6878,
2.4126

219.1536,
248.3318, 202.1969

 2.2380, 3.2676,
0.7933

264.9157,

 0.7627, 1.2730,

298.8411, 247.7939

0.0000

316.6422,
355.7732, 299.7771

■ 0.0000, 0.1201,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.3722, 58.6254,
39.2855

■ 49.3722, 58.6254,
39.2855

■ 45.8691, 57.0052,
30.8126

■ 53.2902, 60.4280,
49.3623

■ 42.7590, 55.5526,
23.8571

■ 57.6349, 62.4122,
61.1161

■ 40.0244, 54.2624,
18.3298

■ 62.4230, 64.5866,
74.6200

■ 37.6445, 53.1260,
14.1310

■ 67.6691, 66.9574,
89.9417

■ 35.5962, 52.1339,
11.1480

■ 72.8174, 69.3023,
104.1465

■ 33.8525, 51.2752,
9.2495

■ 75.4071, 70.6374,
104.2677

■ 32.3799, 50.5363,
8.2689

■ 78.1152, 72.0334,
104.3945

■ 31.8838, 50.2854,
8.0256

■ 80.9432, 73.4913,
104.5268

■ 82.0917, 74.0834,
104.5806

Harmonies

Analogous

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



54.9975, 58.6254, 35.3523



49.3722, 58.6254, 39.2855



45.6774, 58.6254, 49.7106

Triad

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



49.3722, 58.6254, 39.2855



50.5435, 58.6254, 99.7066



68.5516, 58.6254, 61.7727

Complementary

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



49.3722, 58.6254, 39.2855



40.7459, 36.8303, 65.2863

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.



67.1401, 58.6254, 80.4051



49.3722, 58.6254, 39.2855



56.4522, 58.6254, 104.5561

Square

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



49.3722, 58.6254, 39.2855



46.3174, 58.6254, 84.6870



62.5935, 58.6254, 96.9286



66.3198, 58.6254, 46.7188

Rectangle

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



49.3722, 58.6254, 39.2855



44.6493, 58.6254, 60.0179



62.5935, 58.6254, 96.9286



68.4881, 58.6254, 67.8067

Sweetspot

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



49.3737, 58.6280, 39.2868



89.1294, 97.3073, 92.3792



47.2977, 46.2269, 37.0025



18.8499, 20.7241, 19.1510



0.0000, 0.0000, 0.0000



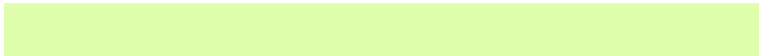
20.3446, 21.4041, 23.3091

Same Dimension

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



49.3737, 58.6280, 39.2868



74.0320, 90.3741, 53.2805



43.4003, 55.5486, 39.0072



12.3479, 13.5628, 12.5791



19.7704, 31.0610, 4.9534



1.1924, 1.7815, 0.2810

Inverse Universe

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



40.7459, 36.8303, 65.2863



58.1265, 50.1777, 101.2294



47.3334, 40.2263, 65.5946



11.5843, 11.6346, 14.8788



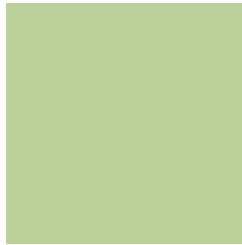
9.2279, 3.9374, 37.4661



0.6034, 0.2652, 2.0990

Previews

White Background



This preview shows how the XYZ color 49.3722, 58.6254, 39.2855 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 49.3722, 58.6254, 39.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

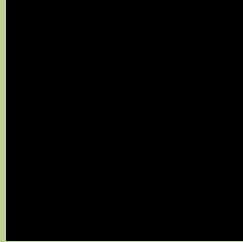
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3722, 58.6254, 39.2855

Background



This preview shows how black text looks on a background with the XYZ color 49.3722, 58.6254, 39.2855.



This preview shows how white text looks on a background with the XYZ color 49.3722, 58.6254,

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

49.3722, 58.6254, 39.2855

Protanopia

54.4160, 58.4224, 37.2628

Deuteranopia

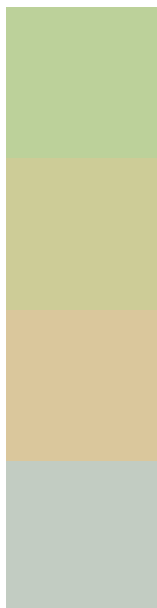
59.4167, 58.2364, 40.0074



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

49.3722, 58.6254, 39.2855

Protanomaly

52.3556, 58.3992, 37.7909

Deuteranomaly

55.3376, 58.1526, 39.7605

Tritanomaly

53.5786, 58.5501, 59.5163

Monochromacy



Original Color

49.3722, 58.6254, 39.2855

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.2195, 56.4469, 51.9119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3722, 58.6254, 39.2855 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(188, 209, 154)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 154)  
}
```

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(188, 209, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 154) }
```

Border

The CSS property to change the border of an element to XYZ 49.3722, 58.6254, 39.2855 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(188, 209, 154) }
```


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

```
.border{ border-color:rgb(188, 209, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 209, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 154);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3722, 58.6254, 39.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 154) }
```

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

```
.background{ background-color: rgb(188,  
209, 154) }
```

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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