

Converting Colors

XYZ(49.3689, 58.1664, 33.1466)

Have a look what the booklet for
XYZ(49.3689, 58.1664, 33.1466)
contains.

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Color

**XYZ(49.2212, 57.9591,
33.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CF8B
RGB	194, 207, 139
RGB Percent	76%, 81%, 55%
CMY	0.2392, 0.1882, 0.4549
CMYK	0.06, 0.00, 0.33, 0.19
HSL	71°, 41%, 68%
HSV	71°, 33%, 81%
XYZ	49.2212, 57.9591, 33.0191
YIQ	195.3610, 14.0800, -23.9040

Conversions

Conversions Part 2

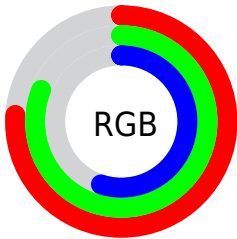
Format	Color
RYB	139, 207, 152
Decimal	12767115
CIELab	80.72, -15.36, 32.38
CIELCh	81, 35.841, 115.374
Yxy	57.9591, 0.3511, 0.4134
Android (android.graphics.Color)	4290957195 (0xFFC2CF8B)
YUV	195.3610, -27.7860, -1.1936
Hunter-Lab	76.1309, -17.8227, 27.5767

Details

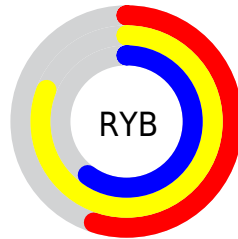
The XYZ color **49.2212, 57.9591, 33.0191** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.4462, 29.6472, 62.9945**, and the grayscale version is **52.2432, 54.9639, 59.8557**.

A 20% lighter version of the original color is **85.1693, 95.8795, 64.4698**, and **23.8001, 28.9760, 13.5710** is the 20% darker color. If you saturate the color by 10%, you get **46.8477, 56.8959, 25.7465**, and if you desaturate by 10%, it is **51.9112, 59.1560, 41.8037**.

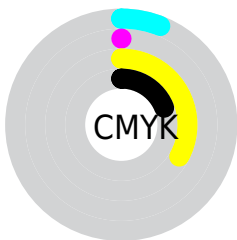
Distribution



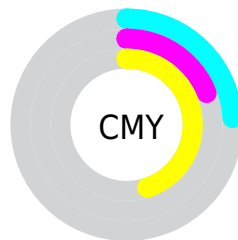
- Red (76%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2212, 57.9591, 33.0191 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 49.2212, 57.9591, 33.0191 by changing the saturation by 10% instead.


 49.2212, 57.9591,
33.0191


 49.2212, 57.9591,
33.0191


374.1150,
417.0335, 330.3704


 35.0102, 41.7758,
21.8698


 88.2186, 101.8633,
65.5217

 23.8373, 28.9258,
13.5639


 113.7358,
130.3530, 87.7121

 15.3371, 19.0247,
7.6827


 143.7525,
163.7135, 114.4200

 9.1441, 11.6881,
3.8077

178.6339,
202.3293, 146.0639

 4.8932, 6.5317,
1.5205

218.7456,
246.5849, 183.0624

 2.2188, 3.1710,
0.2331

264.4527,

 0.7526, 1.2216,

296.8645, 225.8339

0.0000

316.1208,
353.5526, 274.7971

■ 0.0000, 0.0793,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 49.2212, 57.9591,
33.0191

■ 49.2212, 57.9591,
33.0191

■ 46.8477, 56.8959,
25.7465

■ 51.9112, 59.1560,
41.8037

■ 44.7697, 55.9520,
19.8970


■ 54.9283, 60.4850,
52.1754


■ 42.9709, 55.1228,
15.3777


■ 58.2882, 61.9542,
64.2086


■ 41.4309, 54.4002,
12.0837


■ 62.0041, 63.5691,
77.9718

 40.1266, 53.7749,
9.8940

 66.0885, 65.3345,
93.5300

 39.0301, 53.2358,
8.6629

 69.2037, 66.7155,
103.8377

 38.3388, 52.8892,
8.1880

 70.4000, 67.3322,
103.8937

 71.6248, 67.9637,
103.9510

 72.8783, 68.6098,
104.0097

Harmonies

Analogous

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



56.2422, 57.9591, 30.6169



49.2212, 57.9591, 33.0191



44.2042, 57.9591, 42.6948

Triad

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



49.2212, 57.9591, 33.0191



47.4029, 57.9591, 102.8637



70.4988, 57.9591, 66.4464

Complementary

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



49.2212, 57.9591, 33.0191



33.4462, 29.6472, 62.9945

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.



67.6269, 57.9591, 89.1680



49.2212, 57.9591, 33.0191



53.9505, 57.9591, 112.9767

Square

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



49.2212, 57.9591, 33.0191



43.2221, 57.9591, 82.2008



61.4042, 57.9591, 107.4761



68.9492, 57.9591, 47.2267

Rectangle

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



49.2212, 57.9591, 33.0191



42.4523, 57.9591, 53.3803



61.4042, 57.9591, 107.4761



70.0118, 57.9591, 73.9502

Sweetspot

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



49.2227, 57.9617, 33.0203



89.4414, 97.5519, 88.6106



41.5362, 37.4149, 29.4595



18.9853, 20.8105, 18.4039



0.0000, 0.0000, 0.0000



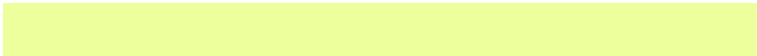
20.3446, 21.4041, 23.3091

Same Dimension

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



49.2227, 57.9617, 33.0203



76.3086, 91.7347, 44.9378



41.5791, 54.0213, 32.6626



12.5726, 13.6786, 12.5896



24.2300, 33.3600, 5.1621



1.4132, 1.8954, 0.2914

Inverse Universe

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



33.4462, 29.6472, 62.9945



47.4456, 39.9103, 99.8105



40.6174, 33.3441, 63.3301



11.3717, 11.5249, 14.8688



7.6973, 3.1484, 37.3945



0.4944, 0.2091, 2.0939

Previews

White Background



This preview shows how the XYZ color 49.2212, 57.9591, 33.0191 looks on a white background.

Color Contrast Check

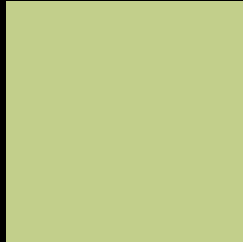
Large Text (above 18pt) WCAG AA × Fail

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 49.2212, 57.9591, 33.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

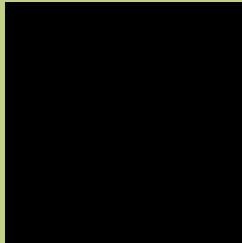
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2212, 57.9591, 33.0191

Background



This preview shows how black text looks on a background with the XYZ color 49.2212, 57.9591, 33.0191.



This preview shows how white text looks on a background with the XYZ color 49.2212, 57.9591,

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

49.2212, 57.9591, 33.0191

Protanopia

53.7135, 57.8378, 31.6254

Deuteranopia

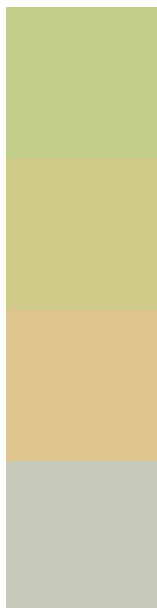
58.9920, 57.8294, 33.6442



Tritanopia

57.1062, 58.0296, 71.1418

Trichromacy



Original Color

49.2212, 57.9591, 33.0191

Protanomaly

52.1658, 58.0733, 32.1268

Deuteranomaly

54.8982, 57.3852, 33.3823

Tritanomaly

53.5690, 57.5978, 54.7485

Monochromacy



Original Color

49.2212, 57.9591, 33.0191

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.6670, 55.5441, 48.6081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2212, 57.9591, 33.0191 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(194, 207, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 207, 139)  
}
```

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(194, 207, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 207, 139) }
```

Border

The CSS property to change the border of an element to XYZ 49.2212, 57.9591, 33.0191 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(194, 207, 139) }
```


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

```
.border{ border-color:rgb(194, 207, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 207, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 207, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 207, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 207,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2212, 57.9591, 33.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 207, 139) }
```

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

```
.background{ background-color: rgb(194,  
207, 139) }
```

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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