

Converting Colors

XYZ(47.9191, 54.2885, 31.2973)

Have a look what the booklet for
XYZ(47.9191, 54.2885, 31.2973)
contains.

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Color

**XYZ(47.9267, 54.1715,
31.2227)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C688
RGB	198, 198, 136
RGB Percent	78%, 78%, 53%
CMY	0.2235, 0.2235, 0.4667
CMYK	0.00, 0.00, 0.31, 0.22
HSL	60°, 35%, 65%
HSV	60°, 31%, 78%
XYZ	47.9267, 54.1715, 31.2227
YIQ	190.9320, 19.9020, -19.2820

Conversions

Conversions Part 2

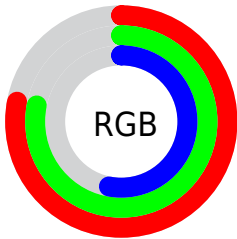
Format	Color
RYB	136, 198, 136
Decimal	13026952
CIELab	78.56, -9.62, 31.15
CIELCh	79, 32.604, 107.168
Yxy	54.1715, 0.3595, 0.4063
Android (android.graphics.Color)	4291217032 (0xFFC6C688)
YUV	190.9320, -27.0815, 6.1986
Hunter-Lab	73.6013, -12.5690, 26.3693

Details

The XYZ color **47.9267, 54.1715, 31.2227** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.1526, 26.9212, 57.0890**, and the grayscale version is **49.6270, 52.2114, 56.8582**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **22.9406, 26.4420, 12.4891** is the 20% darker color. If you saturate the color by 10%, you get **46.6477, 53.6617, 24.4837**, and if you desaturate by 10%, it is **49.4685, 54.7901, 39.3332**.

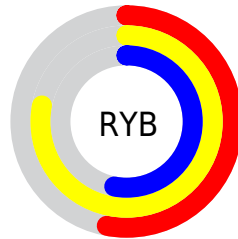
Distribution



Red (78%)

Green (78%)

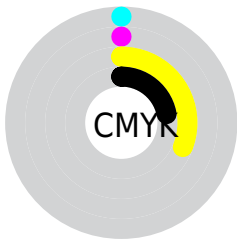
Blue (53%)



Red (53%)

Yellow (78%)

Blue (53%)

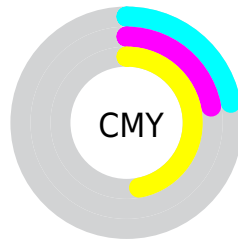


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9267, 54.1715, 31.2227 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 47.9267, 54.1715, 31.2227 by changing the saturation by 10% instead.

■ 47.9267, 54.1715,
31.2227

■ 47.9267, 54.1715,
31.2227

369.0889,
402.7637, 321.9459

■ 33.9799, 38.7388,
20.5086

■ 86.3056, 96.3260,
62.6742

■ 23.0409, 26.5566,
12.5776

■ 111.4684,
123.8166, 84.2487

■ 14.7446, 17.2405,
7.0110

■ 141.1005,
156.0953, 110.2804

■ 8.7255, 10.4061,
3.3904

175.5674,
193.5464, 141.1878

■ 4.6182, 5.6690,
1.2973

215.2343,
236.5544, 177.3896

■ 2.0575, 2.6449,
0.0596

260.4666,

■ 0.6659, 0.9493,

285.5037, 219.3041

0.0000

311.6297,
340.7787, 267.3501

■ 0.0000, 0.0000,
0.0000

■ 47.9267, 54.1715,
31.2227

■ 47.9267, 54.1715,
31.2227

■ 46.6477, 53.6617,
24.4837

■ 49.4685, 54.7901,
39.3332

■ 45.6130, 53.2478,
19.0372

■ 51.2821, 55.5157,
48.8814

■ 44.8082, 52.9258,
14.8015


■ 53.3813, 56.3554,
59.9335


■ 44.2158, 52.6888,
11.6843


■ 55.7777, 57.3140,
72.5505

■ 43.8158, 52.5288,
9.5799

■ 58.4822, 58.3958,
86.7899

 43.5841, 52.4361,
8.3626

 61.5052, 59.6051,
102.7066

 43.4810, 52.3948,
7.8215

 61.5370, 59.6179,
102.8718

 61.5374, 59.6181,
102.8718

 61.5379, 59.6183,
102.8718

Harmonies

Analogous

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



54.2815, 54.1715, 30.7714



47.9267, 54.1715, 31.2227



42.9484, 54.1715, 38.0489

Triad

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



47.9267, 54.1715, 31.2227



43.5369, 54.1715, 88.9256



64.4996, 54.1715, 67.1967

Complementary

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



47.9267, 54.1715, 31.2227



29.1526, 26.9212, 57.0890

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.



61.0914, 54.1715, 86.4595



47.9267, 54.1715, 31.2227



48.7927, 54.1715, 100.6503

Square

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



47.9267, 54.1715, 31.2227



40.5624, 54.1715, 70.0573



55.2223, 54.1715, 99.6640



64.2188, 54.1715, 49.1429

Rectangle

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



47.9267, 54.1715, 31.2227



40.9196, 54.1715, 46.2907



55.2223, 54.1715, 99.6640



63.7362, 54.1715, 73.8073

Sweetspot

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



47.9281, 54.1739, 31.2238



91.5719, 98.6087, 90.5882



36.5386, 31.3930, 27.4270



19.4885, 21.0616, 18.8015



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.



47.9281, 54.1739, 31.2238



83.1772, 95.2506, 46.3942



40.5765, 50.3840, 30.8798



11.5239, 12.4170, 11.3521



28.2752, 34.0717, 5.0862



1.3389, 1.6133, 0.2408

Inverse Universe

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



29.1526, 26.9212, 57.0890



44.4157, 38.9879, 99.7922



34.9352, 29.9022, 57.3596



10.0568, 10.2875, 13.3731



6.6290, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 47.9267, 54.1715, 31.2227 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 47.9267, 54.1715, 31.2227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

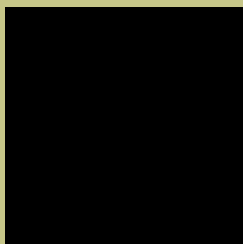
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

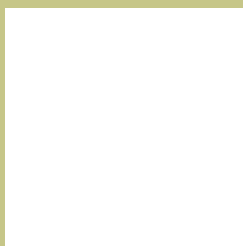
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.9267, 54.1715, 31.2227

Background



This preview shows how black text looks on a background with the XYZ color 47.9267, 54.1715, 31.2227.



This preview shows how white text looks on a background with the XYZ color 47.9267, 54.1715,

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

47.9267, 54.1715, 31.2227

Protanopia

50.1732, 54.0064, 30.3341

Deuteranopia

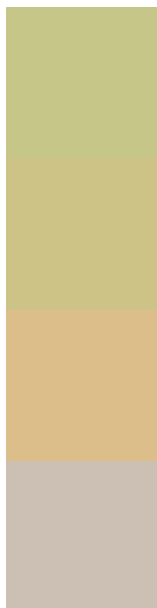
55.1741, 53.9708, 31.9355



Tritanopia

54.5503, 53.8766, 64.6509

Trichromacy



Original Color

47.9267, 54.1715, 31.2227

Protanomaly

49.3419, 53.9013, 30.7251

Deuteranomaly

52.2143, 53.7220, 31.6621

Tritanomaly

51.6149, 53.6505, 50.2830

Monochromacy



Original Color

47.9267, 54.1715, 31.2227

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.8906, 52.9932, 46.1800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9267, 54.1715, 31.2227 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(198, 198, 136)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 136)  
}
```

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(198, 198, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 136) }
```

Border

The CSS property to change the border of an element to XYZ 47.9267, 54.1715, 31.2227 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(198, 198, 136) }
```


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

```
.border{ border-color:rgb(198, 198, 136) }
```

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

Here you see how a box with a 4 pixel rgb(198, 198, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 136);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9267, 54.1715, 31.2227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 136) }
```

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

```
.background{ background-color: rgb(198,  
198, 136) }
```

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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