

Converting Colors

XYZ(47.1892, 54.5224, 29.1558)

Have a look what the booklet for
XYZ(47.1892, 54.5224, 29.1558)
contains.

XYZ(47.1892, 54.5224, 29.1558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.1892, 54.5224,
29.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C882
RGB	195, 200, 130
RGB Percent	76%, 78%, 51%
CMY	0.2353, 0.2157, 0.4902
CMYK	0.03, 0.00, 0.35, 0.22
HSL	64°, 39%, 65%
HSV	64°, 35%, 78%
XYZ	47.1892, 54.5224, 29.1558
YIQ	190.5250, 19.4900, -22.8300

Conversions

Conversions Part 2

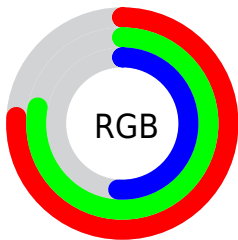
Format	Color
RYB	130, 200, 135
Decimal	12830850
CIELab	78.77, -12.55, 34.48
CIELCh	79, 36.693, 110.007
Yxy	54.5224, 0.3606, 0.4166
Android (android.graphics.Color)	4291020930 (0xFFC3C882)
YUV	190.5250, -29.8388, 3.9246
Hunter-Lab	73.8393, -15.1430, 28.2766

Details

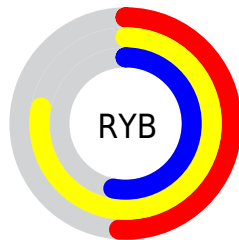
The XYZ color **47.1892, 54.5224, 29.1558** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.4017, 25.2877, 58.0309**, and the grayscale version is **49.4067, 51.9797, 56.6059**.

A 20% lighter version of the original color is **84.5566, 95.6761, 59.3581**, and **22.5054, 26.6977, 11.3642** is the 20% darker color. If you saturate the color by 10%, you get **45.6079, 53.8493, 22.7424**, and if you desaturate by 10%, it is **49.0377, 55.3066, 36.9459**.

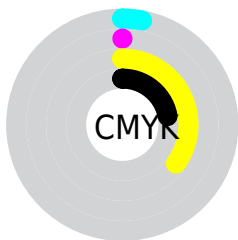
Distribution



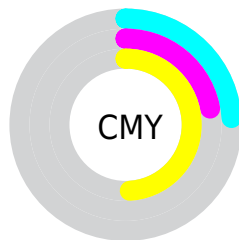
- Red (76%)
- Green (78%)
- Blue (51%)



- Red (51%)
- Yellow (78%)
- Blue (53%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1892, 54.5224, 29.1558 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 47.1892, 54.5224, 29.1558 by changing the saturation by 10% instead.

■ 47.1892, 54.5224,
29.1558

■ 47.1892, 54.5224,
29.1558

366.2055,
404.0990, 312.0333

■ 33.3938, 39.0195,
18.9521

■ 85.2130, 96.8408,
59.3697

■ 22.5890, 26.7749,
11.4592

■ 110.1721,
124.4251, 80.2169

■ 14.4093, 17.4042,
6.2586

■ 139.5832,
156.8054, 105.4491

■ 8.4895, 10.5231,
2.9316

173.8116,
194.3659, 135.4848

■ 4.4642, 5.7471,
1.0598

213.2227,
237.4911, 170.7426

■ 1.9679, 2.6919,
0.0000

258.1818,

■ 0.6159, 0.9731,

286.5654, 211.6408

0.0000

309.0543,
341.9733, 258.5982

■ 0.0000, 0.0000,
0.0000

■ 47.1892, 54.5224,
29.1558

■ 47.1892, 54.5224,
29.1558

■ 45.6079, 53.8493,
22.7424

■ 49.0377, 55.3066,
36.9459

■ 44.2747, 53.2739,
17.6225

■ 51.1633, 56.2002,
46.1829

■ 43.1739, 52.7920,
13.7088


■ 53.5804, 57.2107,
56.9360


■ 42.2869, 52.3959,
10.9023


■ 56.3011, 58.3431,
69.2694


■ 41.5918, 52.0770,
9.0880


■ 59.3369, 59.6020,
83.2433


 41.0621, 51.8246,
8.1261

 62.6986, 60.9916,
98.9147

 40.8335, 51.7131,
7.8295

 63.8852, 61.5116,
103.1136

 64.2816, 61.7160,
103.1321

 64.6815, 61.9221,
103.1508

Harmonies

Analogous

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



54.2834, 54.5224, 28.0455



47.1892, 54.5224, 29.1558



41.8420, 54.5224, 37.1916

Triad

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



47.1892, 54.5224, 29.1558



43.3544, 54.5224, 95.5822



66.8283, 54.5224, 66.5804

Complementary

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



47.1892, 54.5224, 29.1558



28.4017, 25.2877, 58.0309

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.



63.2745, 54.5224, 88.9601



47.1892, 54.5224, 29.1558



49.4360, 54.5224, 108.1094

Square

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



47.1892, 54.5224, 29.1558



39.7756, 54.5224, 74.1279



56.7483, 54.5224, 105.4373



66.0836, 54.5224, 46.7061

Rectangle

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



47.1892, 54.5224, 29.1558



39.7747, 54.5224, 46.7135



56.7483, 54.5224, 105.4373



66.0849, 54.5224, 74.1178

Sweetspot

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



47.1906, 54.5249, 29.1569



90.1242, 97.9449, 86.7921



36.4681, 31.1275, 25.2059



19.1699, 20.9139, 18.0437



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.



47.1906, 54.5249, 29.1569



79.5759, 93.4914, 41.8270



39.2495, 50.4311, 28.7853



11.4462, 12.3769, 11.3485



25.9940, 32.8957, 4.9795



1.2538, 1.5694, 0.2369

Inverse Universe

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



28.4017, 25.2877, 58.0309



42.2491, 35.3923, 99.2124



34.9153, 28.6456, 58.3357



10.1258, 10.3231, 13.3764



6.7758, 2.7273, 34.9137



0.3458, 0.1420, 1.6543

Previews

White Background



This preview shows how the XYZ color 47.1892, 54.5224, 29.1558 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 47.1892, 54.5224, 29.1558 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

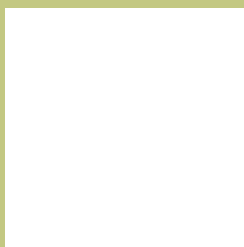
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.1892, 54.5224, 29.1558

Background



This preview shows how black text looks on a background with the XYZ color 47.1892, 54.5224, 29.1558.



This preview shows how white text looks on a background with the XYZ color 47.1892, 54.5224,

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

47.1892, 54.5224, 29.1558

Protanopia

50.5628, 54.5858, 28.2932

Deuteranopia

55.3968, 54.1349, 29.7197



Tritanopia

54.6732, 54.5552, 66.0411

Trichromacy



Original Color

47.1892, 54.5224, 29.1558

Protanomaly

49.3823, 54.6393, 28.7126

Deuteranomaly

52.0091, 53.9876, 29.5093

Tritanomaly

51.4151, 54.2154, 49.8742

Monochromacy



Original Color

47.1892, 54.5224, 29.1558

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.1914, 52.6546, 45.1595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1892, 54.5224, 29.1558 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, 200, 130)` looks like.

```
.text, #text, p{  
    color:rgb(195, 200, 130)  
}
```

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, 200, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 200, 130) }
```

Border

The CSS property to change the border of an element to XYZ 47.1892, 54.5224, 29.1558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

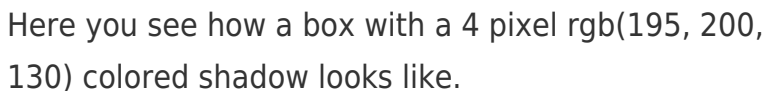
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 200, 130) }
```


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

```
.border{ border-color:rgb(195, 200, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 200, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 200, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 200, 130);  
box-shadow:4px 4px 4px 4px rgb(195, 200,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1892, 54.5224, 29.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 200, 130) }
```

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

```
.background{ background-color: rgb(195,  
200, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor