

Converting Colors

XYZ(48.2607, 54.9284, 26.9810)

Have a look what the booklet for
XYZ(48.2607, 54.9284, 26.9810)
contains.

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Color

**XYZ(48.1489, 54.7196,
27.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C77C
RGB	201, 199, 124
RGB Percent	79%, 78%, 49%
CMY	0.2118, 0.2196, 0.5137
CMYK	0.00, 0.01, 0.38, 0.21
HSL	58°, 42%, 64%
HSV	58°, 38%, 79%
XYZ	48.1489, 54.7196, 27.0930
YIQ	191.0480, 25.2670, -22.9010

Conversions

Conversions Part 2

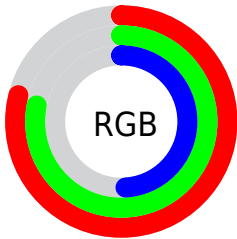
Format	Color
R_{YB}	126, 201, 124
Decimal	13223804
CIE _{Lab}	78.88, -10.38, 37.79
CIE _{LCh}	79, 39.190, 105.358
Yxy	54.7196, 0.3705, 0.4210
Android (android.graphics.Color)	4291413884 (0xFFC9C77C)
YUV	191.0480, -33.0547, 8.7279
Hunter-Lab	73.9727, -13.2664, 30.0655

Details

The XYZ color **48.1489, 54.7196, 27.0930** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.3155, 23.4232, 58.3924**, and the grayscale version is **49.7257, 52.3153, 56.9714**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **23.2155, 26.8562, 10.4387** is the 20% darker color. If you saturate the color by 10%, you get **46.8861, 54.0251, 21.0274**, and if you desaturate by 10%, it is **49.6739, 55.5236, 34.5256**.

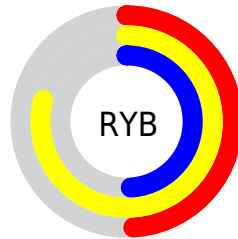
Distribution



Red (79%)

Green (78%)

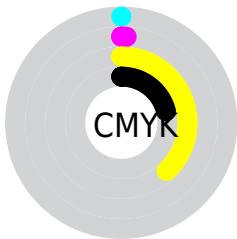
Blue (49%)



Red (49%)

Yellow (79%)

Blue (49%)

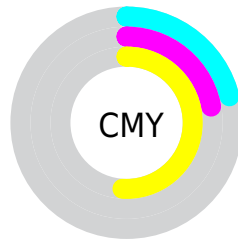


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1489, 54.7196, 27.0930 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 48.1489, 54.7196, 27.0930 by changing the saturation by 10% instead.

■ 48.1489, 54.7196,
27.0930

■ 48.1489, 54.7196,
27.0930

369.9548,
404.8482, 301.8815

■ 34.1566, 39.1773,
17.4100

■ 86.6344, 97.1300,
56.0386

■ 23.1774, 26.8977,
10.3622

■ 111.8583,
124.7669, 76.1383

■ 14.8459, 17.4964,
5.5310

■ 141.5567,
157.2040, 100.5474

■ 8.7969, 10.5890,
2.4980

176.0951,
194.8259, 129.6843

■ 4.6650, 5.7912,
0.8391

215.8387,
238.0168, 163.9677

■ 2.0848, 2.7185,
0.0000

261.1530,

■ 0.6809, 0.9866,

287.1613, 203.8159

0.0000

312.4032,
342.6436, 249.6477

■ 0.0000, 0.0000,
0.0000

■ 48.1489, 54.7196,
27.0930

■ 48.1489, 54.7196,
27.0930

■ 46.8861, 54.0251,
21.0274

■ 49.6739, 55.5236,
34.5256

■ 45.8657, 53.4262,
16.2419

■ 51.4716, 56.4353,
43.3980

■ 45.0714, 52.9184,
12.6449


■ 53.5567, 57.4627,
53.7823


■ 44.4832, 52.4937,
10.1316


■ 55.9419, 58.6108,
65.7445


■ 44.0778, 52.1428,
8.5787

■ 58.6390, 59.8843,
79.3468


 43.8192, 51.8513,
7.7965

 61.6590, 61.2876,
94.6480

 43.7807, 51.8041,
7.6917

 63.4108, 62.1843,
103.2684

 63.5337, 62.4301,
103.3094

 63.6570, 62.6767,
103.3505

Harmonies

Analogous

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



55.8810, 54.7196, 27.0111



48.1489, 54.7196, 27.0930



42.0797, 54.7196, 34.2722

Triad

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



48.1489, 54.7196, 27.0930



42.1947, 54.7196, 95.5368



67.8584, 54.7196, 71.0730

Complementary

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



48.1489, 54.7196, 27.0930



26.3155, 23.4232, 58.3924

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.



63.3897, 54.7196, 95.0188



48.1489, 54.7196, 27.0930



48.3207, 54.7196, 111.3560

Square

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



48.1489, 54.7196, 27.0930



38.8827, 54.7196, 71.6566



56.0708, 54.7196, 111.1457



67.8006, 54.7196, 48.9433

Rectangle

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



48.1489, 54.7196, 27.0930



39.5684, 54.7196, 43.4505



56.0708, 54.7196, 111.1457



66.8177, 54.7196, 79.2769

Sweetspot

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



48.1503, 54.7221, 27.0941



90.6269, 97.8606, 86.7493



35.0980, 28.3544, 23.5547



19.2907, 20.8936, 18.0334



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.



48.1503, 54.7221, 27.0941



80.6040, 92.6829, 37.5723



40.0560, 51.2351, 26.8477



11.4994, 12.3680, 11.3439



27.5386, 32.5944, 4.8399



1.3116, 1.5586, 0.2317

Inverse Universe

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



26.3155, 23.4232, 58.3924



37.9680, 31.5705, 98.7003



32.2346, 26.0997, 58.5971



10.0783, 10.3307, 13.3803



6.6747, 2.7433, 34.9221



0.3239, 0.1456, 1.6562

Previews

White Background



This preview shows how the XYZ color 48.1489, 54.7196, 27.0930 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 48.1489, 54.7196, 27.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

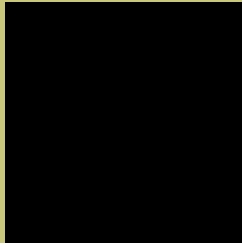
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1489, 54.7196, 27.0930

Background



This preview shows how black text looks on a background with the XYZ color 48.1489, 54.7196, 27.0930.



This preview shows how white text looks on a background with the XYZ color 48.1489, 54.7196,

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

48.1489, 54.7196, 27.0930

Protanopia

50.5308, 54.6064, 26.6157

Deuteranopia

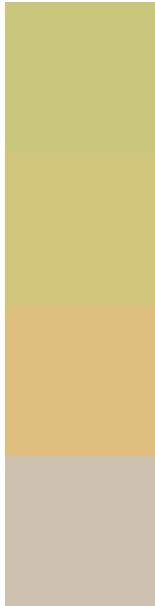
55.8620, 54.7351, 27.6994



Tritanopia

55.6750, 54.4565, 64.7035

Trichromacy



Original Color

48.1489, 54.7196, 27.0930

Protanomaly

49.6096, 54.4652, 26.6370

Deuteranomaly

52.8281, 54.4559, 27.4654

Tritanomaly

52.5400, 54.5005, 48.3079

Monochromacy



Original Color

48.1489, 54.7196, 27.0930

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.7725, 52.9757, 44.2140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1489, 54.7196, 27.0930 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(201, 199, 124)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 124)  
}
```

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(201, 199, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 124) }
```

Border

The CSS property to change the border of an element to XYZ 48.1489, 54.7196, 27.0930 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(201, 199, 124) }
```


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

```
.border{ border-color:rgb(201, 199, 124) }
```

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

Here you see how a box with a 4 pixel rgb(201, 199, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 124);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1489, 54.7196, 27.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 124) }
```

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

```
.background{ background-color: rgb(201,  
199, 124) }
```

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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