

Converting Colors

XYZ(30.5067, 43.9804, 24.3340)

Have a look what the booklet for
XYZ(30.5067, 43.9804, 24.3340)
contains.

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Color

**XYZ(30.5067, 43.9804,
24.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	79C277
RGB	121, 194, 119
RGB Percent	47%, 76%, 47%
CMY	0.5255, 0.2392, 0.5333
CMYK	0.38, 0.00, 0.39, 0.24
HSL	118°, 38%, 61%
HSV	118°, 39%, 76%
XYZ	30.5067, 43.9804, 24.3340
YIQ	163.6230, -19.4330, -38.8010

Conversions

Conversions Part 2

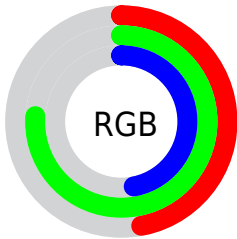
Format	Color
RYB	119, 194, 192
Decimal	7979639
CIELab	72.22, -37.90, 30.72
CIELCh	72, 48.790, 140.969
Yxy	43.9804, 0.3087, 0.4451
Android (android.graphics.Color)	4286169719 (0xFF79C277)
YUV	163.6230, -21.9991, -37.3804
Hunter-Lab	66.3177, -33.9445, 24.6671

Details

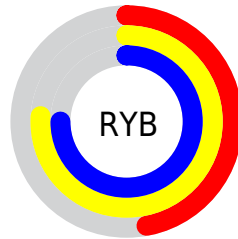
The XYZ color **30.5067, 43.9804, 24.3340** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **38.0747, 28.2966, 54.4962**, and the grayscale version is **35.2161, 37.0501, 40.3476**.

A 20% lighter version of the original color is **59.8481, 81.2030, 51.5492**, and **12.7670, 20.3791, 8.8909** is the 20% darker color. If you saturate the color by 10%, you get **27.0665, 42.3293, 18.6996**, and if you desaturate by 10%, it is **34.7050, 45.9973, 31.2471**.

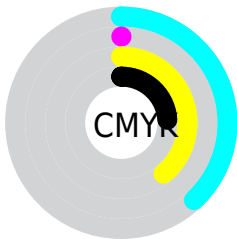
Distribution



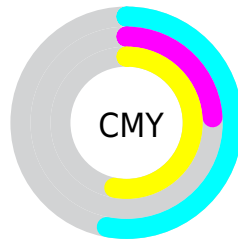
- Red (47%)
- Green (76%)
- Blue (47%)



- Red (47%)
- Yellow (76%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (39%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5067, 43.9804, 24.3340 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 30.5067, 43.9804, 24.3340 by changing the saturation by 10% instead.

■ 30.5067, 43.9804,
24.3340

■ 30.5067, 43.9804,
24.3340

296.1268,
362.6283, 287.8455

■ 20.3735, 30.6551,
15.3671

■ 59.8437, 81.1882,
51.5253

■ 12.7767, 20.3364,
8.9279

■ 79.7782, 105.8396,
70.5868

■ 7.3509, 12.6398,
4.5980

■ 103.7106,
135.0351, 93.8503

■ 3.7308, 7.1810,
1.9588

132.0061,
169.1591, 121.7342

■ 1.5510, 3.5755,
0.5298

165.0301,
208.5960, 154.6571

■ 0.3601, 1.4391,
0.0000

203.1480,

■ 0.0000, 0.2453,

253.7303, 193.0376

0.0000

246.7251,
304.9462, 237.2943

■ 0.0000, 0.0000,
0.0000

■ 30.5067, 43.9804,
24.3340

■ 30.5067, 43.9804,
24.3340

■ 27.0665, 42.3293,
18.6996

■ 34.7050, 45.9973,
31.2471

■ 24.3360, 41.0171,
14.2630

■ 39.6993, 48.3943,
39.5076

■ 22.2668, 40.0218,
10.9383


■ 45.5289, 51.1915,
49.1827


■ 20.8028, 39.3167,
8.6271


■ 52.2296, 54.4059,
60.3342

■ 19.8785, 38.8706,
7.2141


■ 59.8351, 58.0538,
73.0205

 19.4033, 38.6407,
6.5104

 68.3773, 62.1504,
87.2964

 19.3574, 38.6187,
6.4339

 77.8866, 66.7101,
103.2145

 78.5826, 67.0653,
103.4109

Harmonies

Analogous

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



36.3038, 43.9804, 16.4578



30.5067, 43.9804, 24.3340



27.8390, 43.9804, 41.0118

Triad

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



30.5067, 43.9804, 24.3340



39.3269, 43.9804, 109.3418



58.6999, 43.9804, 33.2158

Complementary

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



30.5067, 43.9804, 24.3340



38.0747, 28.2966, 54.4962

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.



59.7928, 43.9804, 55.4910



30.5067, 43.9804, 24.3340



47.8291, 43.9804, 105.0962

Square

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



30.5067, 43.9804, 24.3340



32.4655, 43.9804, 93.3475



55.5893, 43.9804, 83.1653



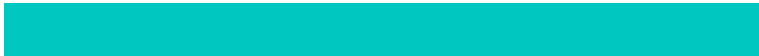
52.7762, 43.9804, 20.2681

Rectangle

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



30.5067, 43.9804, 24.3340



27.9112, 43.9804, 57.2025



55.5893, 43.9804, 83.1653



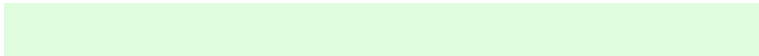
59.6729, 43.9804, 39.6424

Sweetspot

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



30.5078, 43.9823, 24.3350



78.5777, 90.8682, 82.6147



44.3199, 50.2835, 24.8233



16.8956, 19.7495, 17.5737



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.



30.5078, 43.9823, 24.3350



50.1361, 77.2155, 35.6747



32.7337, 44.8406, 37.5030



9.9687, 11.2713, 10.7121



12.7374, 25.3952, 4.2304



0.5591, 1.1018, 0.1832

Inverse Universe

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



38.0747, 28.2966, 54.4962



65.6857, 44.9615, 97.6862



35.1045, 27.1674, 36.1959



10.4699, 10.2334, 12.7082



20.1841, 9.6657, 34.3585



0.8806, 0.4220, 1.4849

Previews

White Background



This preview shows how the XYZ color 30.5067, 43.9804, 24.3340 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 30.5067, 43.9804, 24.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

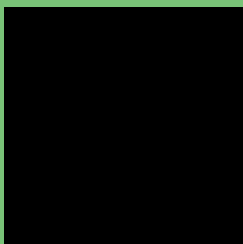
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

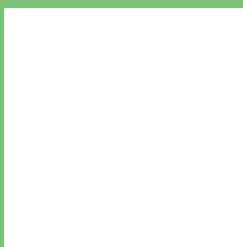
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5067, 43.9804, 24.3340

Background



This preview shows how black text looks on a background with the XYZ color 30.5067, 43.9804, 24.3340.



This preview shows how white text looks on a background with the XYZ color 30.5067, 43.9804,

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

30.5067, 43.9804, 24.3340

Protanopia

40.1882, 43.4270, 21.5933

Deuteranopia

44.4680, 43.5582, 25.4659



Tritanopia

37.6026, 43.6387, 60.4741

Trichromacy



Original Color

30.5067, 43.9804, 24.3340



Protanomaly

35.7539, 43.2118, 22.6759



Deuteranomaly

37.8556, 42.7358, 24.9925



Tritanomaly

34.5990, 43.6940, 44.6404

Monochromacy



Original Color

30.5067, 43.9804, 24.3340



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

32.8880, 39.0940, 33.8295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5067, 43.9804, 24.3340 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(121, 194, 119)` looks like.

```
.text, #text, p{  
    color:rgb(121, 194, 119)  
}
```

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(121, 194, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 194, 119) }
```

Border

The CSS property to change the border of an element to XYZ 30.5067, 43.9804, 24.3340 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(121, 194, 119) }
```


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

```
.border{ border-color:rgb(121, 194, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 194, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 194, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 194, 119);  
box-shadow:4px 4px 4px 4px rgb(121, 194,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5067, 43.9804, 24.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 194, 119) }
```

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

```
.background{ background-color: rgb(121,  
194, 119) }
```

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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