

Converting Colors

XYZ(30.3879, 18.2507, 45.1011)

Have a look what the booklet for
XYZ(30.3879, 18.2507, 45.1011)
contains.

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Color

**XYZ(30.3879, 18.2507,
45.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	B849B4
RGB	184, 73, 180
RGB Percent	72%, 29%, 71%
CMY	0.2784, 0.7137, 0.2941
CMYK	0.00, 0.60, 0.02, 0.28
HSL	302°, 44%, 50%
HSV	302°, 60%, 72%
XYZ	30.3879, 18.2507, 45.1011
YIQ	118.3870, 31.8090, 56.8090

Conversions

Conversions Part 2

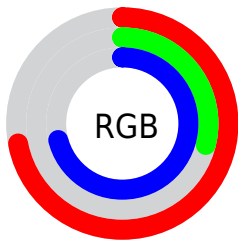
Format	Color
RYB	184, 73, 180
Decimal	12077492
CIELab	49.80, 58.28, -35.64
CIELCh	50, 68.312, 328.552
Yxy	18.2507, 0.3242, 0.1947
Android (android.graphics.Color)	4290267572 (0xFFB849B4)
YUV	118.3870, 30.3752, 57.5426
Hunter-Lab	42.7208, 52.2080, -32.6889

Details

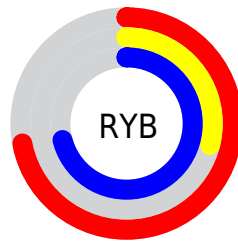
The XYZ color **30.3879, 18.2507, 45.1011** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **21.2285, 36.2340, 12.8972**, and the grayscale version is **17.2426, 18.1406, 19.7551**.

A 20% lighter version of the original color is **59.4774, 40.3717, 84.0146**, and **12.7654, 6.1866, 20.6000** is the 20% darker color. If you saturate the color by 10%, you get **29.2858, 16.1538, 44.4013**, and if you desaturate by 10%, it is **31.8492, 21.0645, 45.9225**.

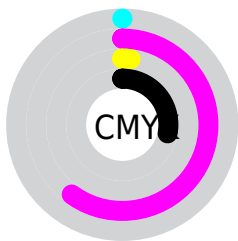
Distribution



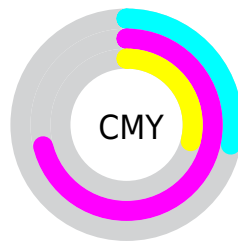
- Red (72%)
- Green (29%)
- Blue (71%)



- Red (72%)
- Yellow (29%)
- Blue (71%)



- Cyan (0%)
- Magenta (60%)
- Yellow (2%)
- Black (28%)





- Cyan (28%)
- Magenta (71%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3879, 18.2507, 45.1011 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 30.3879, 18.2507, 45.1011 by changing the saturation by 10% instead.


 30.3879, 18.2507,
45.1011

 30.3879, 18.2507,
45.1011


295.5859,
242.2803, 383.3549


 20.2827, 11.1301,
31.1935


 59.6575, 40.4640,
84.1922

 12.7102, 6.1544,
20.4866


 79.5527, 56.3256,
110.2127


 7.3049, 2.9392,
12.5616


 103.4419, 75.8696,
141.1081

 3.7015, 1.1001,
7.0002

 131.6904, 99.4805,
177.2967

 1.5347, 0.0000,
3.3838

 164.6638,
127.5426, 219.1971

 0.3493, 0.0000,
1.2938

202.7272,

 0.0000, 0.0000,

160.4404, 267.2280

0.0567

246.2461,
198.5581, 321.8077

■ 0.0000, 0.0000,
0.0000

■ 30.3879, 18.2507,
45.1011

■ 30.3879, 18.2507,
45.1011

■ 29.2858, 16.1538,
44.4013

■ 31.8492, 21.0645,
45.9225

■ 28.5083, 14.7062,
43.8112

■ 33.6964, 24.6500,
46.8740

■ 28.0175, 13.8316,
43.3182

■ 35.9559, 29.0594,
47.9645

■ 27.7401, 13.3795,
42.9085

■ 38.6511, 34.3399,
49.2019

■ 41.8038, 40.5349,
50.5933

■ 45.4343, 47.6849,
52.1457

■ 49.5617, 55.8282,
53.8652

■ 54.2040, 65.0008,
55.7581

■ 59.3784, 75.2369,
57.8298

Harmonies

Analogous

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



24.0538, 18.2507, 71.0230



30.3879, 18.2507, 45.1011



33.1366, 18.2507, 20.7931

Triad

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



30.3879, 18.2507, 45.1011



17.6655, 18.2507, 1.2532



8.5017, 18.2507, 42.4411

Complementary

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



30.3879, 18.2507, 45.1011



21.2285, 36.2340, 12.8972

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.



7.5912, 18.2507, 18.9783



30.3879, 18.2507, 45.1011



12.0191, 18.2507, 2.0773

Square

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



30.3879, 18.2507, 45.1011



24.7426, 18.2507, 2.2853



8.7002, 18.2507, 6.4107



11.5945, 18.2507, 68.9230

Rectangle

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



30.3879, 18.2507, 45.1011



32.1500, 18.2507, 10.4990



8.7002, 18.2507, 6.4107



7.9705, 18.2507, 33.6211

Sweetspot

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



30.3886, 18.2515, 45.1015



71.1525, 64.3846, 89.6779



14.0715, 9.7920, 46.4964



15.0056, 13.2256, 19.1831



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.3886, 18.2515, 45.1015



52.6241, 28.4116, 80.1608



25.8394, 16.4319, 21.1460



9.3666, 9.1570, 11.2778



19.1238, 9.2233, 29.6026



0.6785, 0.3269, 1.0666

Inverse Universe

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



30.3886, 18.2515, 45.1015



52.6241, 28.4116, 80.1608



24.0675, 37.3696, 27.8472



9.3666, 9.1570, 11.2778



19.1238, 9.2233, 29.6026



0.6785, 0.3269, 1.0666

Previews

White Background



This preview shows how the XYZ color 30.3879, 18.2507, 45.1011 looks on a white background.

Color Contrast Check

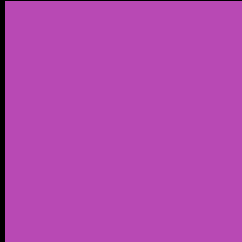
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.3879, 18.2507, 45.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

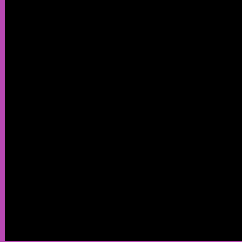
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3879, 18.2507, 45.1011

Background



This preview shows how black text looks on a background with the XYZ color 30.3879, 18.2507, 45.1011.



This preview shows how white text looks on a background with the XYZ color 30.3879, 18.2507,

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

30.3879, 18.2507, 45.1011

Protanopia

21.2150, 18.7460, 68.8299

Deuteranopia

18.8546, 18.4768, 41.6024



Tritanopia

24.1697, 18.2577, 14.8206

Trichromacy



Original Color

30.3879, 18.2507, 45.1011



Protanomaly

21.8867, 16.7890, 59.2138



Deuteranomaly

21.5425, 17.2650, 42.7545



Tritanomaly

25.7976, 17.8931, 23.2131

Monochromacy



Original Color

30.3879, 18.2507, 45.1011



Achromatopsia

17.2197, 18.1164, 19.7288



Achromatomaly

20.7144, 17.1766, 27.4230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3879, 18.2507, 45.1011 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(184, 73, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 73, 180)  
}
```

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(184, 73, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 73, 180) }
```

Border

The CSS property to change the border of an element to XYZ 30.3879, 18.2507, 45.1011 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(184, 73, 180) }
```


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

```
.border{ border-color:rgb(184, 73, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 73, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 73, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 73, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 73,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3879, 18.2507, 45.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 73, 180) }
```

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

```
.background{ background-color: rgb(184, 73,  
180) }
```

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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