

Converting Colors

XYZ(30.4720, 18.0895, 46.3340)

Have a look what the booklet for
XYZ(30.4720, 18.0895, 46.3340)
contains.

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Color

**XYZ(30.4639, 18.0742,
46.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	B847B6
RGB	184, 71, 182
RGB Percent	72%, 28%, 71%
CMY	0.2784, 0.7215, 0.2863
CMYK	0.00, 0.61, 0.01, 0.28
HSL	301°, 44%, 50%
HSV	301°, 61%, 72%
XYZ	30.4639, 18.0742, 46.1390
YIQ	117.4410, 31.7170, 58.4770

Conversions

Conversions Part 2

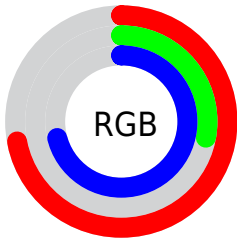
Format	Color
RYB	184, 71, 182
Decimal	12076982
CIELab	49.59, 59.48, -37.14
CIElCh	50, 70.124, 328.017
Yxy	18.0742, 0.3218, 0.1909
Android (android.graphics.Color)	4290267062 (0xFFB847B6)
YUV	117.4410, 31.8276, 58.3722
Hunter-Lab	42.5138, 53.5079, -34.5861

Details

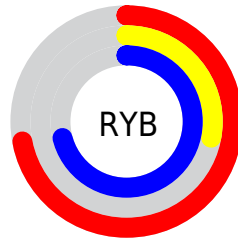
The XYZ color **30.4639, 18.0742, 46.1390** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **20.9424, 36.1024, 12.1690**, and the grayscale version is **16.9434, 17.8258, 19.4123**.

A 20% lighter version of the original color is **59.8556, 40.1494, 85.4838**, and **12.8645, 6.1742, 21.2826** is the 20% darker color. If you saturate the color by 10%, you get **29.4325, 16.0648, 45.6294**, and if you desaturate by 10%, it is **31.8509, 20.7938, 46.7678**.

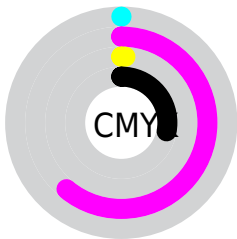
Distribution



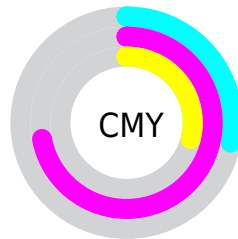
- Red (72%)
- Green (28%)
- Blue (71%)



- Red (72%)
- Yellow (28%)
- Blue (71%)



- Cyan (0%)
- Magenta (61%)
- Yellow (1%)
- Black (28%)





- Cyan (28%)
- Magenta (72%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4639, 18.0742, 46.1390 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 30.4639, 18.0742, 46.1390 by changing the saturation by 10% instead.

 30.4639, 18.0742,
46.1390


 30.4639, 18.0742,
46.1390


295.9320,
241.2889, 387.6610


 20.3408, 11.0033,
32.0061


 59.7766, 40.1637,
85.7635


 12.7527, 6.0690,
21.1013


 79.6970, 55.9511,
112.0921


 7.3343, 2.8871,
13.0061


 103.6138, 75.4128,
143.3230

 3.7202, 1.0731,
7.3020

 131.8924, 98.9331,
179.8747

 1.5451, 0.0000,
3.5704

 164.8982,
126.8965, 222.1659

 0.3562, 0.0000,
1.3927

202.9965,

 0.0000, 0.0000,

159.6873, 270.6149

0.1360

246.5526,
197.6900, 325.6405

■ 0.0000, 0.0000,
0.0000

■ 30.4639, 18.0742,
46.1390

■ 30.4639, 18.0742,
46.1390

■ 29.4325, 16.0648,
45.6294

■ 31.8509, 20.7938,
46.7678

■ 28.7217, 14.6968,
45.2269

■ 33.6206, 24.2790,
47.5244

■ 28.2927, 13.8925,
44.9188

■ 35.7995, 28.5828,
48.4178

■ 28.0816, 13.5162,
44.7068

■ 38.4116, 33.7525,
49.4560

■ 41.4786, 39.8320,
50.6462

■ 45.0210, 46.8623,
51.9953

■ 49.0580, 54.8817,
53.5096

■ 53.6078, 63.9264,
55.1953

■ 58.6876, 74.0310,
57.0580

Harmonies

Analogous

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



23.9110, 18.0742, 72.9251



30.4639, 18.0742, 46.1390



33.3843, 18.0742, 20.9739

Triad

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



30.4639, 18.0742, 46.1390



17.6251, 18.0742, 1.0819



8.1842, 18.0742, 42.3741

Complementary

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



30.4639, 18.0742, 46.1390



20.9424, 36.1024, 12.1690

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.



7.3083, 18.0742, 18.4399



30.4639, 18.0742, 46.1390



11.8464, 18.0742, 1.8239

Square

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



30.4639, 18.0742, 46.1390



24.8788, 18.0742, 2.0958



8.4570, 18.0742, 5.9597



11.2585, 18.0742, 69.9335

Rectangle

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



30.4639, 18.0742, 46.1390



32.4293, 18.0742, 10.3887



8.4570, 18.0742, 5.9597



7.6642, 18.0742, 33.3150

Sweetspot

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



30.4646, 18.0750, 46.1394



71.2691, 64.4313, 90.2920



13.6446, 9.3800, 46.4395



15.0347, 13.2372, 19.3363



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.



30.4646, 18.0750, 46.1394



52.7953, 28.0419, 82.4135



25.7624, 16.1942, 21.3782



9.3739, 9.1599, 11.3163



19.3563, 9.3163, 30.8266



0.6846, 0.3293, 1.0983

Inverse Universe

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



30.4646, 18.0750, 46.1394



52.7953, 28.0419, 82.4135



23.7278, 37.2166, 26.8367



9.3739, 9.1599, 11.3163



19.3563, 9.3163, 30.8266



0.6846, 0.3293, 1.0983

Previews

White Background



This preview shows how the XYZ color 30.4639, 18.0742, 46.1390 looks on a white background.

Color Contrast Check

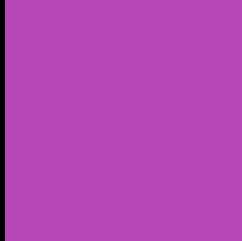
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4639, 18.0742, 46.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

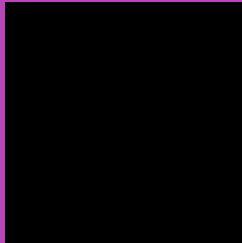
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4639, 18.0742, 46.1390

Background



This preview shows how black text looks on a background with the XYZ color 30.4639, 18.0742, 46.1390.



This preview shows how white text looks on a background with the XYZ color 30.4639, 18.0742,

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

30.4639, 18.0742, 46.1390

Protanopia

21.3022, 18.5595, 71.5668

Deuteranopia

18.8377, 18.4458, 42.6119



Tritanopia

24.0309, 18.0590, 14.5311

Trichromacy



Original Color

30.4639, 18.0742, 46.1390



Protanomaly

21.6682, 16.4928, 61.0729



Deuteranomaly

21.3419, 16.9937, 43.7502



Tritanomaly

25.7172, 17.7323, 23.1863

Monochromacy



Original Color

30.4639, 18.0742, 46.1390



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

20.3494, 16.7002, 27.3502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4639, 18.0742, 46.1390 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, 71, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 71, 182)  
}
```

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, 71, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 71, 182) }
```

Border

The CSS property to change the border of an element to XYZ 30.4639, 18.0742, 46.1390 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, 71, 182) }
```


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

```
.border{ border-color:rgb(184, 71, 182) }
```

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

Here you see how a box with a 4 pixel rgb(184, 71, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 71, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 71, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 71,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4639, 18.0742, 46.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 71, 182) }
```

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

```
.background{ background-color: rgb(184, 71,  
182) }
```

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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