

Converting Colors

XYZ(30.5097, 28.9395, 46.0973)

Have a look what the booklet for
XYZ(30.5097, 28.9395, 46.0973)
contains.

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Color

**XYZ(30.5097, 28.9395,
46.0973)**

Conversions

Conversions Part 1

Format	Color
Hex	988DB2
RGB	152, 141, 178
RGB Percent	60%, 55%, 70%
CMY	0.4039, 0.4470, 0.3020
CMYK	0.15, 0.21, 0.00, 0.30
HSL	258°, 19%, 63%
HSV	258°, 21%, 70%
XYZ	30.5097, 28.9395, 46.0973
YIQ	148.5070, -5.3210, 13.8390

Conversions

Conversions Part 2

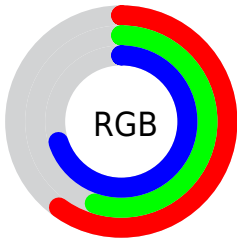
Format	Color
R_{YB}	152, 141, 178
Decimal	9997746
CIE _{Lab}	60.73, 11.62, -17.89
CIE _{LCh}	61, 21.332, 303.020
Yxy	28.9395, 0.2891, 0.2742
Android (android.graphics.Color)	4288187826 (0xFF988DB2)
YUV	148.5070, 14.5400, 3.0634
Hunter-Lab	53.7954, 7.0930, -13.1488

Details

The XYZ color **30.5097, 28.9395, 46.0973** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.6653, 41.9800, 31.3711**, and the grayscale version is **28.3036, 29.7776, 32.4278**.

A 20% lighter version of the original color is **60.0985, 58.2361, 85.9151**, and **12.8096, 11.7295, 20.9909** is the 20% darker color. If you saturate the color by 10%, you get **25.8742, 22.9623, 45.1884**, and if you desaturate by 10%, it is **35.8157, 35.8900, 47.1597**.

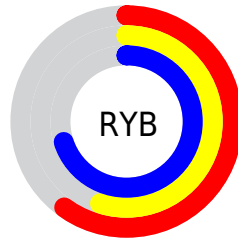
Distribution



Red (60%)

Green (55%)

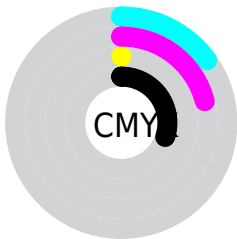
Blue (70%)



Red (60%)

Yellow (55%)

Blue (70%)

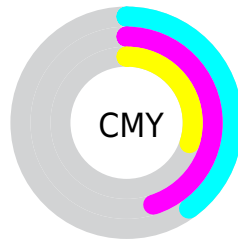


Cyan (15%)

Magenta (21%)

Yellow (0%)

Black (30%)



Cyan (40%)

Magenta (45%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5097, 28.9395, 46.0973 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 30.5097, 28.9395, 46.0973 by changing the saturation by 10% instead.

■ 30.5097, 28.9395,
46.0973

■ 30.5097, 28.9395,
46.0973

296.1405,
296.9294, 387.4886

■ 20.3758, 19.0351,
31.9734

■ 59.8484, 57.9809,
85.7004

■ 12.7783, 11.6956,
21.0765

■ 79.7839, 77.8867,
112.0167

■ 7.3520, 6.5368,
12.9882

■ 103.7173,
101.8951, 143.2342

■ 3.7315, 3.1741,
7.2898

132.0140,
130.3905, 179.7714

■ 1.5514, 1.2233,
3.5628

165.0393,
163.7572, 222.0469

■ 0.3604, 0.0806,
1.3887

203.1586,

■ 0.0000, 0.0000,

202.3796, 270.4793

0.1329

246.7372,
246.6422, 325.4870

■ 0.0000, 0.0000,
0.0000

■ 30.5097, 28.9395,
46.0973

■ 30.5097, 28.9395,
46.0973

■ 25.8742, 22.9623,
45.1884

■ 35.8157, 35.8900,
47.1597

■ 21.8789, 17.9107,
44.4239

■ 41.8156, 43.8515,
48.3802

■ 18.4948, 13.7383,
43.7969

■ 48.5350, 52.8642,
49.7657

■ 15.6897, 10.3930,
43.2990

■ 55.9971, 62.9647,
51.3220

■ 13.4282, 7.8173,
42.9211

■ 64.2244, 74.1882,
53.0547

■ 11.6705, 5.9458,
42.6525

■ 73.2381, 86.5680,
54.9691

■ 10.3706, 4.7019,
42.4809

■ 79.5822, 93.1829,
55.9116

■ 9.4998, 3.9690,
42.3853

■ 83.9659, 95.4427,
56.1167

■ 85.0360, 95.9944,
56.1668

Harmonies

Analogous

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



27.7875, 28.9395, 49.3150



30.5097, 28.9395, 46.0973



32.5272, 28.9395, 38.9439

Triad

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



30.5097, 28.9395, 46.0973



29.9922, 28.9395, 19.7845



22.5260, 28.9395, 32.3202

Complementary

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



30.5097, 28.9395, 46.0973



36.6653, 41.9800, 31.3711

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.



23.0303, 28.9395, 25.0883



30.5097, 28.9395, 46.0973



27.2266, 28.9395, 18.6077

Square

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



30.5097, 28.9395, 46.0973



32.2146, 28.9395, 23.9121



24.7064, 28.9395, 20.3793



23.2803, 28.9395, 40.5681

Rectangle

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



30.5097, 28.9395, 46.0973



33.1346, 28.9395, 33.3990



24.7064, 28.9395, 20.3793



22.5541, 28.9395, 29.6939

Sweetspot

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



30.5106, 28.9407, 46.0979



69.8827, 71.6094, 86.5200



32.9349, 36.7051, 47.4688



15.3291, 15.6617, 19.1373



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.5106, 28.9407, 46.0979



51.2732, 47.2288, 82.7949



34.1356, 30.8094, 46.2676



8.2716, 8.3485, 10.6818



6.8534, 2.8689, 30.3295



0.2758, 0.1213, 0.9571

Inverse Universe

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



34.8609, 31.3059, 40.7655



60.6788, 52.3470, 71.0637



33.1265, 40.1557, 31.2054



8.7402, 8.6028, 10.1305



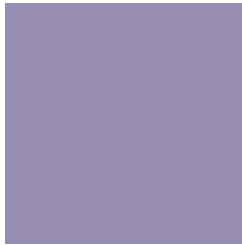
15.8179, 7.8447, 14.7330



0.5219, 0.2565, 0.5908

Previews

White Background



This preview shows how the XYZ color 30.5097, 28.9395, 46.0973 looks on a white background.

Color Contrast Check

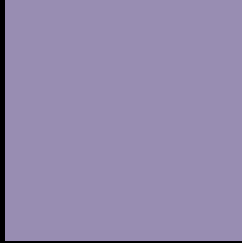
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5097, 28.9395, 46.0973 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 30.5097, 28.9395, 46.0973

Background



This preview shows how black text looks on a background with the XYZ color 30.5097, 28.9395, 46.0973.



This preview shows how white text looks on a background with the XYZ color 30.5097, 28.9395,

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

30.5097, 28.9395, 46.0973

Protanopia

28.9471, 28.9903, 47.7861

Deuteranopia

29.5354, 28.8790, 46.1370



Tritanopia

28.3389, 28.9470, 35.5462

Trichromacy



Original Color

30.5097, 28.9395, 46.0973

Protanomaly

29.5392, 29.0814, 47.2364

Deuteranomaly

29.9216, 28.8563, 46.1123

Tritanomaly

29.0685, 29.0164, 39.1906

Monochromacy



Original Color

30.5097, 28.9395, 46.0973

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.2017, 29.5799, 37.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5097, 28.9395, 46.0973 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(152, 141, 178)` looks like.

```
.text, #text, p{  
    color:rgb(152, 141, 178)  
}
```

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(152, 141, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 141, 178) }
```

Border

The CSS property to change the border of an element to XYZ 30.5097, 28.9395, 46.0973 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(152, 141, 178) }
```


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

```
.border{ border-color:rgb(152, 141, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 141, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 141, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 141, 178);  
box-shadow:4px 4px 4px 4px rgb(152, 141,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5097, 28.9395, 46.0973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 141, 178) }
```

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

```
.background{ background-color: rgb(152,  
141, 178) }
```

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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