

Converting Colors

XYZ(30.6150, 26.3661, 38.8429)

Have a look what the booklet for
XYZ(30.6150, 26.3661, 38.8429)
contains.

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Color

**XYZ(30.6592, 26.4798,
39.0925)**

Conversions

Conversions Part 1

Format	Color
Hex	A880A5
RGB	168, 128, 165
RGB Percent	66%, 50%, 65%
CMY	0.3412, 0.4980, 0.3529
CMYK	0.00, 0.24, 0.02, 0.34
HSL	305°, 19%, 58%
HSV	305°, 24%, 66%
XYZ	30.6592, 26.4798, 39.0925
YIQ	144.1780, 11.9630, 19.9870

Conversions

Conversions Part 2

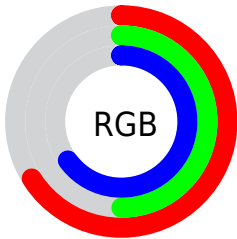
Format	Color
R_{YB}	168, 128, 165
Decimal	11042981
CIE _{Lab}	58.49, 21.83, -13.72
CIE _{LCh}	58, 25.784, 327.857
Yxy	26.4798, 0.3186, 0.2752
Android (android.graphics.Color)	4289233061 (0xFFA880A5)
YUV	144.1780, 10.2652, 20.8919
Hunter-Lab	51.4585, 16.2986, -9.0210

Details

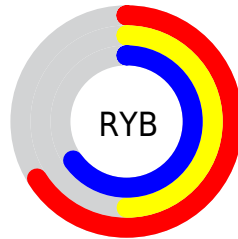
The XYZ color **30.6592, 26.4798, 39.0925** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.0026, 34.2341, 26.6589**, and the grayscale version is **26.5382, 27.9203, 30.4052**.

A 20% lighter version of the original color is **60.1826, 54.0623, 74.9733**, and **12.7753, 10.2859, 16.9348** is the 20% darker color. If you saturate the color by 10%, you get **28.5328, 22.4093, 37.8208**, and if you desaturate by 10%, it is **33.1511, 31.2787, 40.4922**.

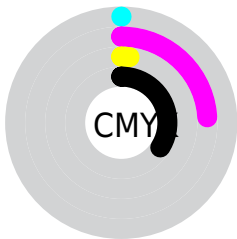
Distribution



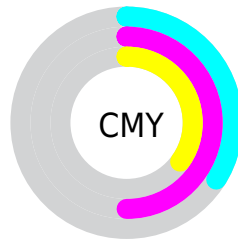
- Red (66%)
- Green (50%)
- Blue (65%)



- Red (66%)
- Yellow (50%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (34%)



- Cyan (34%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6592, 26.4798, 39.0925 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 30.6592, 26.4798, 39.0925 by changing the saturation by 10% instead.

■ 30.6592, 26.4798,
39.0925

■ 30.6592, 26.4798,
39.0925

296.8202,
285.1295, 357.7213

■ 20.4900, 17.1829,
26.5233

■ 60.0826, 54.0480,
75.0015

■ 12.8621, 10.3650,
16.9863

■ 80.0676, 73.0881,
99.1784

■ 7.4100, 5.6416,
10.0628

■ 104.0552, 96.1447,
128.0616

■ 3.7684, 2.6284,
5.3345

132.4108,
123.6022, 162.0697

■ 1.5720, 0.9410,
2.3827

165.4997,
155.8451, 201.6211

■ 0.3740, 0.0000,
0.7770

203.6873,

■ 0.0000, 0.0000,

193.2577, 247.1345

0.0000

247.3390,
236.2243, 299.0284

■ 30.6592, 26.4798,
39.0925

■ 30.6592, 26.4798,
39.0925

■ 28.5328, 22.4093,
37.8208

■ 33.1511, 31.2787,
40.4922

■ 26.7518, 19.0281,
36.6694

■ 36.0228, 36.8357,
42.0239

■ 25.2975, 16.2985,
35.6326

■ 39.2906, 43.1833,
43.6931

■ 24.1486, 14.1782,
34.7030

■ 42.9693, 50.3507,
45.5050

■ 23.2815, 12.6193,
33.8729

■ 47.0729, 58.3660,
47.4641

■ 22.6687, 11.5675,
33.1331

■ 51.6146, 67.2558,
49.5749

■ 22.2776, 10.9572,
32.4726

■ 56.6071, 77.0454,
51.8417

■ 22.0986, 10.7049,
32.0875

■ 59.6548, 82.9434,
53.4659

■ 59.7793, 82.9932,
54.1214

Harmonies

Analogous

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



28.1091, 26.4798, 47.0707



30.6592, 26.4798, 39.0925



31.7265, 26.4798, 29.4861

Triad

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



30.6592, 26.4798, 39.0925



25.3956, 26.4798, 14.7278



20.1792, 26.4798, 37.7311

Complementary

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



30.6592, 26.4798, 39.0925



27.0026, 34.2341, 26.6589

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.



19.5824, 26.4798, 28.1876



30.6592, 26.4798, 39.0925



22.4400, 26.4798, 16.0433

Square

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



30.6592, 26.4798, 39.0925



28.5339, 26.4798, 16.4865



20.3755, 26.4798, 20.5450



22.0783, 26.4798, 46.1762

Rectangle

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



30.6592, 26.4798, 39.0925



31.3918, 26.4798, 23.8282



20.3755, 26.4798, 20.5450



19.8270, 26.4798, 34.4914

Sweetspot

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



30.6600, 26.4810, 39.0931



63.5588, 63.3379, 75.3070



24.0968, 23.0656, 40.2285



13.7887, 13.6802, 16.3795



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.6600, 26.4810, 39.0931



53.3477, 43.6661, 69.5898



29.0052, 25.8190, 30.3790



7.8173, 7.6568, 9.3549



16.6960, 8.0871, 24.2746



0.4131, 0.1995, 0.6270

Inverse Universe

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



30.6600, 26.4810, 39.0931



53.3477, 43.6661, 69.5898



28.4646, 34.8189, 34.3579



7.8173, 7.6568, 9.3549



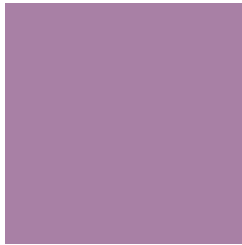
16.6960, 8.0871, 24.2746



0.4131, 0.1995, 0.6270

Previews

White Background



This preview shows how the XYZ color 30.6592, 26.4798, 39.0925 looks on a white background.

Color Contrast Check

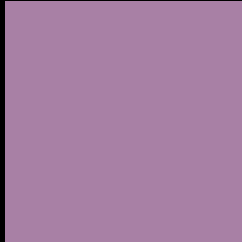
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6592, 26.4798, 39.0925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

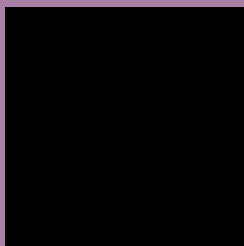
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6592, 26.4798, 39.0925

Background



This preview shows how black text looks on a background with the XYZ color 30.6592, 26.4798, 39.0925.



This preview shows how white text looks on a background with the XYZ color 30.6592, 26.4798,

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

30.6592, 26.4798, 39.0925

Protanopia

26.5938, 26.7598, 43.2987

Deuteranopia

27.0581, 26.4650, 38.3325



Tritanopia

28.6508, 26.4549, 29.1874

Trichromacy



Original Color

30.6592, 26.4798, 39.0925

Protanomaly

27.9139, 26.6216, 41.6975

Deuteranomaly

28.3628, 26.5028, 38.7426

Tritanomaly

29.3472, 26.5416, 32.4304

Monochromacy



Original Color

30.6592, 26.4798, 39.0925

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8928, 27.2163, 33.4889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6592, 26.4798, 39.0925 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(168, 128, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 165)  
}
```

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(168, 128, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.6592, 26.4798, 39.0925 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(168, 128, 165) }
```


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

```
.border{ border-color:rgb(168, 128, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 128, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 128, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 128, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 128,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6592, 26.4798, 39.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 128, 165) }
```

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

```
.background{ background-color: rgb(168,  
128, 165) }
```

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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