

Converting Colors

XYZ(30.4214, 26.5997, 39.4871)

Have a look what the booklet for
XYZ(30.4214, 26.5997, 39.4871)
contains.

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Color

**XYZ(30.4591, 26.5607,
39.5977)**

Conversions

Conversions Part 1

Format	Color
Hex	A681A6
RGB	166, 129, 166
RGB Percent	65%, 51%, 65%
CMY	0.3490, 0.4941, 0.3490
CMYK	0.00, 0.22, 0.00, 0.35
HSL	300°, 17%, 58%
HSV	300°, 22%, 65%
XYZ	30.4591, 26.5607, 39.5977
YIQ	144.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

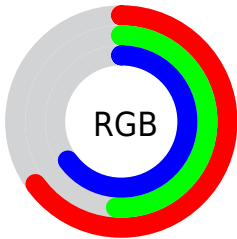
Format	Color
R _Y B	166, 129, 166
Decimal	10912166
CIE Lab	58.57, 20.76, -14.20
CIE LCh	59, 25.148, 325.630
Yxy	26.5607, 0.3153, 0.2749
Android (android.graphics.Color)	4289102246 (0xFFA681A6)
YUV	144.2810, 10.7075, 19.0476
Hunter-Lab	51.5371, 15.3060, -9.4786

Details

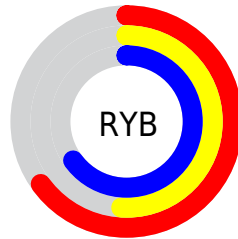
The XYZ color **30.4591, 26.5607, 39.5977** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.6530, 33.5254, 25.8367**, and the grayscale version is **26.5785, 27.9626, 30.4513**.

A 20% lighter version of the original color is **59.5979, 54.0485, 75.6979**, and **12.7727, 10.3843, 17.2508** is the 20% darker color. If you saturate the color by 10%, you get **28.4479, 22.5380, 38.9275**, and if you desaturate by 10%, it is **32.8271, 31.2962, 40.3874**.

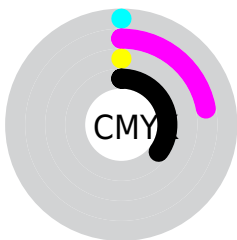
Distribution



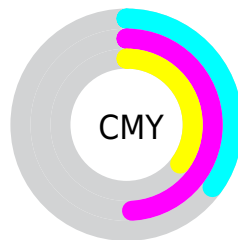
- Red (65%)
- Green (51%)
- Blue (65%)



- Red (65%)
- Yellow (51%)
- Blue (65%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4591, 26.5607, 39.5977 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 30.4591, 26.5607, 39.5977 by changing the saturation by 10% instead.

■ 30.4591, 26.5607,
39.5977

■ 30.4591, 26.5607,
39.5977

295.9102,
285.5238, 359.9266

■ 20.3371, 17.2436,
26.9136

■ 59.7691, 54.1781,
75.7809

■ 12.7500, 10.4083,
17.2765

■ 79.6879, 73.2472,
100.1171

■ 7.3324, 5.6705,
10.2678

■ 103.6029, 96.3357,
129.1744

■ 3.7190, 2.6458,
5.4689

131.8796,
123.8281, 163.3713

■ 1.5444, 0.9497,
2.4614

164.8834,
156.1087, 203.1265

■ 0.3558, 0.0000,
0.8196

202.9795,

■ 0.0000, 0.0000,

193.5619, 248.8584

0.0000

246.5333,
236.5721, 300.9856

■ 30.4591, 26.5607,
39.5977

■ 30.4591, 26.5607,
39.5977

■ 28.4479, 22.5380,
38.9275

■ 32.8271, 31.2962,
40.3874

■ 26.7741, 19.1903,
38.3694

■ 35.5655, 36.7730,
41.3004

■ 25.4198, 16.4817,
37.9179

■ 38.6901, 43.0221,
42.3420

■ 24.3647, 14.3715,
37.5661

■ 42.2151, 50.0720,
43.5171

■ 23.5862, 12.8145,
37.3065

■ 46.1539, 57.9496,
44.8301

■ 23.0583, 11.7589,
37.1304

■ 50.5193, 66.6804,
46.2854

■ 22.7504, 11.1431,
37.0277

■ 55.3237, 76.2892,
47.8870

■ 22.6090, 10.8603,
36.9804

■ 58.3693, 82.3804,
48.9023

■ 58.3694, 82.3804,
48.9024

Harmonies

Analogous

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



27.8962, 26.5607, 47.0785



30.4591, 26.5607, 39.5977



31.6267, 26.5607, 30.2325

Triad

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



30.4591, 26.5607, 39.5977



25.6993, 26.5607, 15.0842



20.2704, 26.5607, 36.8999

Complementary

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



30.4591, 26.5607, 39.5977



26.6530, 33.5254, 25.8367

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.



19.7855, 26.5607, 27.6462



30.4591, 26.5607, 39.5977



22.7676, 26.5607, 16.1588

Square

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



30.4591, 26.5607, 39.5977



28.7404, 26.5607, 17.0519



20.6630, 26.5607, 20.3584



22.0454, 26.5607, 45.3118

Rectangle

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



30.4591, 26.5607, 39.5977



31.3926, 26.5607, 24.5843



20.6630, 26.5607, 20.3584



19.9577, 26.5607, 33.7379

Sweetspot

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



30.4599, 26.5619, 39.5983



62.0544, 61.7532, 74.1241



23.7877, 23.1222, 39.2863



13.8242, 13.6945, 16.5668



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.



30.4599, 26.5619, 39.5983



53.2985, 44.2415, 71.2050



28.8829, 25.9311, 31.2939



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6760



0.4266, 0.2049, 0.6977

Inverse Universe

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



30.4599, 26.5619, 39.5983



53.2985, 44.2415, 71.2050



27.9963, 34.0627, 32.9102



7.8419, 7.6666, 9.4848



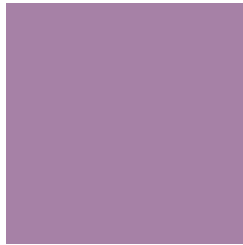
17.5319, 8.4215, 28.6760



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 30.4591, 26.5607, 39.5977 looks on a white background.

Color Contrast Check

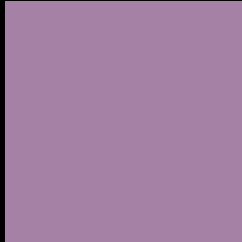
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4591, 26.5607, 39.5977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

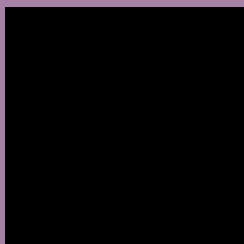
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4591, 26.5607, 39.5977

Background



This preview shows how black text looks on a background with the XYZ color 30.4591, 26.5607, 39.5977.



This preview shows how white text looks on a background with the XYZ color 30.4591, 26.5607,

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

30.4591, 26.5607, 39.5977

Protanopia

26.5938, 26.7598, 43.2987

Deuteranopia

27.2909, 26.7866, 38.8539



Tritanopia

28.4497, 26.5448, 29.6108

Trichromacy



Original Color

30.4591, 26.5607, 39.5977

Protanomaly

27.7369, 26.5303, 41.6892

Deuteranomaly

28.4044, 26.7200, 39.2577

Tritanomaly

29.1470, 26.6294, 32.8819

Monochromacy



Original Color

30.4591, 26.5607, 39.5977

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8490, 27.4076, 33.5282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4591, 26.5607, 39.5977 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(166, 129, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 166)  
}
```

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(166, 129, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.4591, 26.5607, 39.5977 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(166, 129, 166) }
```


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

```
.border{ border-color:rgb(166, 129, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 129, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4591, 26.5607, 39.5977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 166) }
```

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

```
.background{ background-color: rgb(166,  
129, 166) }
```

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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