

Converting Colors

XYZ(34.0181, 27.8217, 56.8842)

Have a look what the booklet for
XYZ(34.0181, 27.8217, 56.8842)
contains.

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Color

**XYZ(34.0607, 27.8404,
57.0046)**

Conversions

Conversions Part 1

Format	Color
Hex	A880C6
RGB	168, 128, 198
RGB Percent	66%, 50%, 78%
CMY	0.3412, 0.4980, 0.2235
CMYK	0.15, 0.35, 0.00, 0.22
HSL	274°, 38%, 64%
HSV	274°, 35%, 78%
XYZ	34.0607, 27.8404, 57.0046
YIQ	147.9400, 1.3700, 30.2500

Conversions

Conversions Part 2

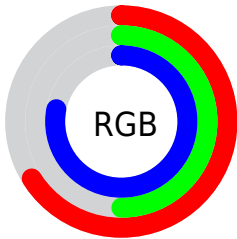
Format	Color
R_{YB}	168, 128, 198
Decimal	11043014
CIE _{Lab}	59.74, 28.66, -30.60
CIE _{LCh}	60, 41.928, 313.129
Yxy	27.8404, 0.2865, 0.2341
Android (android.graphics.Color)	4289233094 (0xFFA880C6)
YUV	147.9400, 24.6796, 17.5926
Hunter-Lab	52.7640, 22.8899, -27.1203

Details

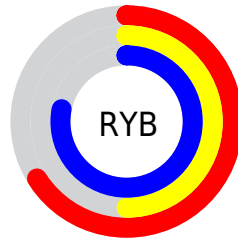
The XYZ color **34.0607, 27.8404, 57.0046** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.1917, 49.2164, 27.9101**, and the grayscale version is **28.0242, 29.4836, 32.1076**.

A 20% lighter version of the original color is **65.3143, 56.1150, 101.9966**, and **14.8287, 11.1072, 27.7479** is the 20% darker color. If you saturate the color by 10%, you get **29.9779, 22.2692, 56.1449**, and if you desaturate by 10%, it is **38.7672, 34.4825, 58.0390**.

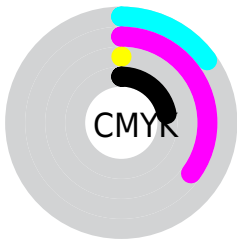
Distribution



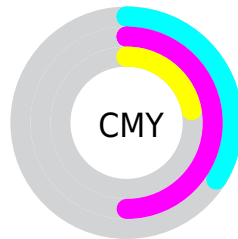
- Red (66%)
- Green (50%)
- Blue (78%)



- Red (66%)
- Yellow (50%)
- Blue (78%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)



- Cyan (34%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0607, 27.8404, 57.0046 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 34.0607, 27.8404, 57.0046 by changing the saturation by 10% instead.

■ 34.0607, 27.8404,
57.0046

■ 34.0607, 27.8404,
57.0046

311.9838,
291.7035, 430.9608

■ 23.1033, 18.2054,
40.5995

■ 65.3717, 56.2295,
101.9723

■ 14.7909, 11.0975,
27.6890

■ 86.4561, 75.7524,
131.3720

■ 8.7582, 6.1325,
17.8543

■ 111.6468, 99.3401,
165.9404

■ 4.6396, 2.9258,
10.6771

141.3093,
127.3769, 206.0960

■ 2.0700, 1.0931,
5.7387

175.8089,
160.2473, 252.2572

■ 0.6728, 0.0000,
2.6207

215.5109,

■ 0.0000, 0.0000,

198.3355, 304.8428

0.9031

260.7808,
242.0262, 364.2711

■ 0.0000, 0.0000,
0.0000

■ 34.0607, 27.8404,
57.0046

■ 34.0607, 27.8404,
57.0046

■ 29.9779, 22.2692,
56.1449

■ 38.7672, 34.4825,
58.0390

■ 26.4843, 17.7053,
55.4481

■ 44.1239, 42.2473,
59.2555

■ 23.5460, 14.0840,
54.9040

■ 50.1588, 51.1873,
60.6630

■ 21.1242, 11.3307,
54.5002

■ 56.8975, 61.3505,
62.2695

■ 19.1740, 9.3594,
54.2225

■ 64.3643, 72.7824,
64.0826

■ 17.6410, 8.0650,
54.0534

■ 72.5821, 85.5259,
66.1092

■ 17.0217, 7.5975,
53.9958

■ 77.7586, 91.9936,
67.0847

■ 80.5079, 93.4109,
67.2134

■ 83.3910, 94.8972,
67.3483

Harmonies

Analogous

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



28.8453, 27.8404, 68.5637



34.0607, 27.8404, 57.0046



37.4654, 27.8404, 39.6011

Triad

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



34.0607, 27.8404, 57.0046



29.5318, 27.8404, 10.0784



17.7232, 27.8404, 37.4405

Complementary

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



34.0607, 27.8404, 57.0046



38.1917, 49.2164, 27.9101

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.



17.8554, 27.8404, 22.6049



34.0607, 27.8404, 57.0046



24.2128, 27.8404, 9.8434

Square

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



34.0607, 27.8404, 57.0046



34.6209, 27.8404, 14.4139



20.0860, 27.8404, 13.6079



19.6967, 27.8404, 54.9749

Rectangle

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



34.0607, 27.8404, 57.0046



38.0020, 27.8404, 28.7477



20.0860, 27.8404, 13.6079



17.5315, 27.8404, 31.9350

Sweetspot

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



34.0616, 27.8416, 57.0052



82.4602, 81.1817, 105.9313



31.3799, 33.2351, 58.1876



17.3405, 16.9194, 22.6018



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.0616, 27.8416, 57.0052



54.9471, 41.9384, 99.8066



40.6715, 31.3103, 54.5476



10.6271, 10.5816, 13.3998



11.1691, 4.9921, 35.1193



0.6106, 0.2785, 1.6667

Inverse Universe

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



37.1802, 29.9138, 36.1630



61.5293, 46.2945, 56.6138



33.3077, 46.6623, 29.3221



10.8194, 10.7111, 12.0322



16.2489, 8.2491, 6.5206



0.8055, 0.4050, 0.4990

Previews

White Background



This preview shows how the XYZ color 34.0607, 27.8404, 57.0046 looks on a white background.

Color Contrast Check

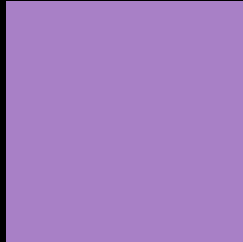
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0607, 27.8404, 57.0046 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 34.0607, 27.8404, 57.0046

Background



This preview shows how black text looks on a background with the XYZ color 34.0607, 27.8404, 57.0046.



This preview shows how white text looks on a background with the XYZ color 34.0607, 27.8404,

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

34.0607, 27.8404, 57.0046

Protanopia

29.2077, 28.0870, 64.2035

Deuteranopia

28.5766, 27.9533, 55.5191



Tritanopia

29.0105, 27.8205, 32.2746

Trichromacy



Original Color

34.0607, 27.8404, 57.0046

Protanomaly

30.6126, 27.7881, 61.5078

Deuteranomaly

30.2372, 27.7165, 55.9807

Tritanomaly

30.6044, 27.6267, 40.2787

Monochromacy



Original Color

34.0607, 27.8404, 57.0046

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.9254, 28.7715, 40.0526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0607, 27.8404, 57.0046 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.0607, 27.8404, 57.0046 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, 198) }
```


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

```
.border{ border-color:rgb(168, 128, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 128, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 128, 198);  
box-shadow:4px 4px 4px 4px rgb(168, 128,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0607, 27.8404, 57.0046 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, 198) }
```

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

```
.background{ background-color: rgb(168,  
128, 198) }
```

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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