

Converting Colors

XYZ(30.7101, 27.5525, 39.0511)

Have a look what the booklet for
XYZ(30.7101, 27.5525, 39.0511)
contains.

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Color

**XYZ(30.6054, 27.4547,
38.8082)**

Conversions

Conversions Part 1

Format	Color
Hex	A585A4
RGB	165, 133, 164
RGB Percent	65%, 52%, 64%
CMY	0.3529, 0.4784, 0.3569
CMYK	0.00, 0.19, 0.01, 0.35
HSL	302°, 15%, 58%
HSV	302°, 19%, 65%
XYZ	30.6054, 27.4547, 38.8082
YIQ	146.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

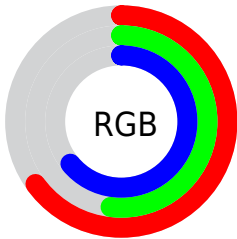
Format	Color
R _Y B	165, 133, 164
Decimal	10847652
CIE Lab	59.39, 17.74, -11.81
CIE LCh	59, 21.313, 326.333
Yxy	27.4547, 0.3159, 0.2834
Android (android.graphics.Color)	4289037732 (0xFFA585A4)
YUV	146.1020, 8.8237, 16.5735
Hunter-Lab	52.3972, 12.5673, -7.2353

Details

The XYZ color **30.6054, 27.4547, 38.8082** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **27.4321, 33.6188, 27.5989**, and the grayscale version is **27.3264, 28.7495, 31.3082**.

A 20% lighter version of the original color is **59.8603, 55.4479, 74.5654**, and **12.8279, 10.8671, 16.7507** is the 20% darker color. If you saturate the color by 10%, you get **28.4753, 23.2684, 37.8691**, and if you desaturate by 10%, it is **33.0922, 32.3532, 39.8677**.

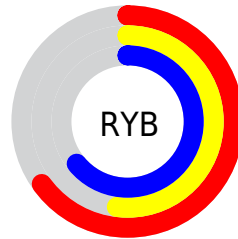
Distribution



Red (65%)

Green (52%)

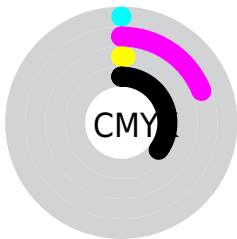
Blue (64%)



Red (65%)

Yellow (52%)

Blue (64%)

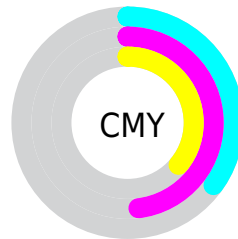


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6054, 27.4547, 38.8082 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 30.6054, 27.4547, 38.8082 by changing the saturation by 10% instead.

■ 30.6054, 27.4547,
38.8082

■ 30.6054, 27.4547,
38.8082

296.5757,
289.8520, 356.4759

■ 20.4489, 17.9150,
26.3039

■ 59.9984, 55.6127,
74.5623

■ 12.8319, 10.8890,
16.8233

■ 79.9655, 74.9997,
98.6492

■ 7.3891, 5.9922,
9.9480

■ 103.9336, 98.4380,
127.4340

■ 3.7551, 2.8404,
5.2593

132.2680,
126.3120, 161.3353

■ 1.5645, 1.0490,
2.3388

165.3341,
159.0059, 200.7716

■ 0.3691, 0.0000,
0.7528

203.4972,

■ 0.0000, 0.0000,

196.9043, 246.1614

0.0000

247.1226,
240.3916, 297.9234

■ 30.6054, 27.4547,
38.8082

■ 30.6054, 27.4547,
38.8082

■ 28.4753, 23.2684,
37.8691

■ 33.0922, 32.3532,
39.8677

■ 26.6829, 19.7577,
37.0433

■ 35.9487, 37.9911,
41.0511

■ 25.2112, 16.8881,
36.3252

■ 39.1902, 44.3988,
42.3637

■ 24.0407, 14.6206,
35.7085

■ 42.8304, 51.6037,
43.8102

■ 23.1498, 12.9121,
35.1859

■ 46.8825, 59.6320,
45.3949

■ 22.5142, 11.7136,
34.7494

■ 51.3590, 68.5087,
47.1220

■ 22.1050, 10.9679,
34.3892

■ 56.2717, 78.2575,
48.9954

■ 21.8624, 10.5549,
34.0855

■ 58.3570, 82.3513,
49.9274

■ 21.8488, 10.5320,
34.0674

■ 58.4052, 82.3706,
50.1812

Harmonies

Analogous

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



28.4392, 27.4547, 45.1029



30.6054, 27.4547, 38.8082



31.5612, 27.4547, 30.8438

Triad

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



30.6054, 27.4547, 38.8082



26.4246, 27.4547, 17.4897



21.7586, 27.4547, 36.9019

Complementary

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



30.6054, 27.4547, 38.8082



27.4321, 33.6188, 27.5989

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.



21.2992, 27.4547, 28.9629



30.6054, 27.4547, 38.8082



23.8830, 27.4547, 18.5570

Square

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



30.6054, 27.4547, 38.8082



29.0458, 27.4547, 19.2498



22.0508, 27.4547, 22.4606



23.3509, 27.4547, 43.8771

Rectangle

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



30.6054, 27.4547, 38.8082



31.3385, 27.4547, 25.9462



22.0508, 27.4547, 22.4606



21.4715, 27.4547, 34.2221

Sweetspot

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



30.6062, 27.4559, 38.8088



60.8697, 61.1067, 72.0700



24.9375, 24.5231, 39.0169



13.2414, 13.2291, 15.7285



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.6062, 27.4559, 38.8088



53.2003, 45.9996, 68.7997



29.2878, 26.9285, 31.8661



7.3547, 7.1983, 8.8544



16.5322, 7.9689, 25.7909



0.3501, 0.1685, 0.5565

Inverse Universe

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



30.6062, 27.4559, 38.8088



53.2003, 45.9996, 68.7997



28.5965, 34.0846, 33.7303



7.3547, 7.1983, 8.8544



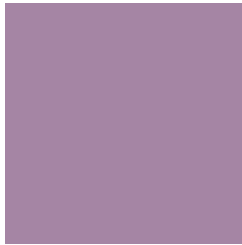
16.5322, 7.9689, 25.7909



0.3501, 0.1685, 0.5565

Previews

White Background



This preview shows how the XYZ color 30.6054, 27.4547, 38.8082 looks on a white background.

Color Contrast Check

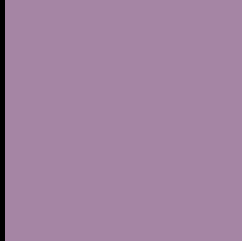
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6054, 27.4547, 38.8082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

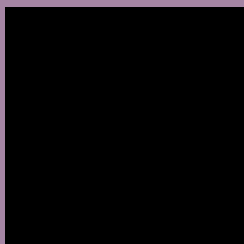
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6054, 27.4547, 38.8082

Background



This preview shows how black text looks on a background with the XYZ color 30.6054, 27.4547, 38.8082.



This preview shows how white text looks on a background with the XYZ color 30.6054, 27.4547,

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

30.6054, 27.4547, 38.8082

Protanopia

27.2452, 27.5666, 41.9151

Deuteranopia

28.2017, 27.6964, 38.5099



Tritanopia

29.1749, 27.5014, 31.3744

Trichromacy



Original Color

30.6054, 27.4547, 38.8082

Protanomaly

28.3331, 27.4954, 40.8596

Deuteranomaly

28.8829, 27.4057, 38.4179

Tritanomaly

29.7236, 27.5204, 33.8824

Monochromacy



Original Color

30.6054, 27.4547, 38.8082

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4115, 28.1220, 34.0676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6054, 27.4547, 38.8082 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(165, 133, 164)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 164)  
}
```

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(165, 133, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 164) }
```

Border

The CSS property to change the border of an element to XYZ 30.6054, 27.4547, 38.8082 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(165, 133, 164) }
```


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

```
.border{ border-color:rgb(165, 133, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 133, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 164);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6054, 27.4547, 38.8082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 164) }
```

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

```
.background{ background-color: rgb(165,  
133, 164) }
```

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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