

Converting Colors

XYZ(30.7252, 25.9761, 57.3771)

Have a look what the booklet for
XYZ(30.7252, 25.9761, 57.3771)
contains.

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Color

**XYZ(30.6607, 25.8816,
57.4125)**

Conversions

Conversions Part 1

Format	Color
Hex	977FC7
RGB	151, 127, 199
RGB Percent	59%, 50%, 78%
CMY	0.4078, 0.5019, 0.2196
CMYK	0.24, 0.36, 0.00, 0.22
HSL	260°, 39%, 64%
HSV	260°, 36%, 78%
XYZ	30.6607, 25.8816, 57.4125
YIQ	142.3840, -8.8080, 27.4800

Conversions

Conversions Part 2

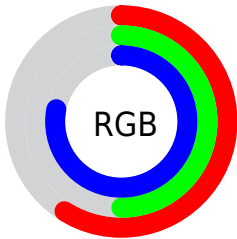
Format	Color
RYB	151, 127, 199
Decimal	9928647
CIELab	57.92, 24.27, -34.12
CIELCh	58, 41.874, 305.428
Yxy	25.8816, 0.2691, 0.2271
Android (android.graphics.Color)	4288118727 (0xFF977FC7)
YUV	142.3840, 27.9117, 7.5562
Hunter-Lab	50.8740, 18.5489, -31.2984

Details

The XYZ color **30.6607, 25.8816, 57.4125** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9341, 51.4937, 27.8088**, and the grayscale version is **25.7593, 27.1008, 29.5128**.

A 20% lighter version of the original color is **59.8249, 52.9843, 101.6816**, and **12.8722, 10.0898, 28.0571** is the 20% darker color. If you saturate the color by 10%, you get **26.0149, 20.0412, 56.5305**, and if you desaturate by 10%, it is **36.0930, 32.8820, 58.4779**.

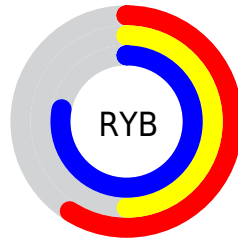
Distribution



Red (59%)

Green (50%)

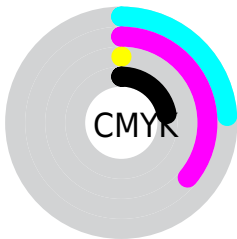
Blue (78%)



Red (59%)

Yellow (50%)

Blue (78%)

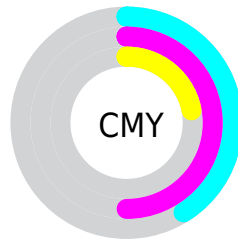


Cyan (24%)

Magenta (36%)

Yellow (0%)

Black (22%)



Cyan (41%)

Magenta (50%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6607, 25.8816, 57.4125 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 30.6607, 25.8816, 57.4125 by changing the saturation by 10% instead.

■ 30.6607, 25.8816,
57.4125

■ 30.6607, 25.8816,
57.4125

296.8270,
282.2004, 432.5302

■ 20.4912, 16.7351,
40.9249

■ 60.0850, 53.0839,
102.5731

■ 12.8629, 10.0458,
27.9412

■ 80.0704, 71.9084,
132.0833

■ 7.4106, 5.4293,
18.0427

■ 104.0586, 94.7278,
166.7714

■ 3.7688, 2.5013,
10.8109

132.4147,
121.9263, 207.0560

■ 1.5722, 0.8773,
5.8272

165.5043,
153.8885, 253.3557

■ 0.3742, 0.0000,
2.6732

203.6926,

■ 0.0000, 0.0000,

190.9986, 306.0889

0.9299

247.3451,
233.6411, 365.6742

■ 0.0000, 0.0000,
0.0000

■ 30.6607, 25.8816,
57.4125

■ 30.6607, 25.8816,
57.4125

■ 26.0149, 20.0412,
56.5305

■ 36.0930, 32.8820,
58.4779

■ 22.1137, 15.2930,
55.8196

■ 42.3453, 41.0991,
59.7344

■ 18.9151, 11.5666,
55.2689

■ 49.4525, 50.5892,
61.1916

■ 16.3717, 8.7820,
54.8655

■ 57.4465, 61.4044,
62.8578

■ 14.4288, 6.8465,
54.5943

■ 66.3575, 73.5937,
64.7409

■ 13.0196, 5.6435,
54.4364

■ 76.2143, 87.2037,
66.8484

■ 12.5782, 5.2934,
54.3921

■ 83.3317, 94.8532,
67.9497

■ 87.3089, 96.9036,
68.1359

Harmonies

Analogous

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



25.5285, 25.8816, 65.8606



30.6607, 25.8816, 57.4125



34.5158, 25.8816, 41.3803

Triad

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



30.6607, 25.8816, 57.4125



28.8570, 25.8816, 9.7165



16.1529, 25.8816, 30.8905

Complementary

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



30.6607, 25.8816, 57.4125



41.9341, 51.4937, 27.8088

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.



16.7918, 25.8816, 18.1368



30.6607, 25.8816, 57.4125



23.6936, 25.8816, 8.5877

Square

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



30.6607, 25.8816, 57.4125



33.3787, 25.8816, 14.9517



19.3952, 25.8816, 11.0664



17.5131, 25.8816, 47.5422

Rectangle

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



30.6607, 25.8816, 57.4125



35.5888, 25.8816, 30.4532



19.3952, 25.8816, 11.0664



16.1434, 25.8816, 26.0241

Sweetspot

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



30.6616, 25.8826, 57.4131



80.1972, 80.0151, 105.8254



34.3920, 39.2963, 59.8056



16.8021, 16.6418, 22.5766



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.



30.6616, 25.8826, 57.4131



47.4968, 37.5109, 99.3447



38.3924, 29.8680, 57.7749



10.3843, 10.4564, 13.3885



8.1717, 3.4469, 34.9790



0.4641, 0.2030, 1.6599

Inverse Universe

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



38.8811, 30.4169, 44.3799



64.1328, 46.7035, 72.2731



34.9025, 47.8688, 27.4798



10.9270, 10.7542, 12.5988



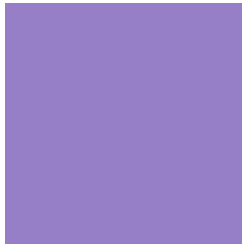
17.8948, 8.9075, 15.1877



0.8799, 0.4348, 0.8908

Previews

White Background



This preview shows how the XYZ color 30.6607, 25.8816, 57.4125 looks on a white background.

Color Contrast Check

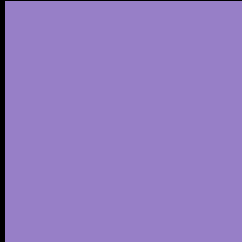
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6607, 25.8816, 57.4125 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 30.6607, 25.8816, 57.4125

Background



This preview shows how black text looks on a background with the XYZ color 30.6607, 25.8816, 57.4125.



This preview shows how white text looks on a background with the XYZ color 30.6607, 25.8816,

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

30.6607, 25.8816, 57.4125

Protanopia

27.2784, 26.0412, 62.6202

Deuteranopia

26.6377, 26.0597, 56.4494



Tritanopia

25.4463, 25.7802, 31.6519

Trichromacy



Original Color

30.6607, 25.8816, 57.4125

Protanomaly

28.1887, 25.7239, 60.6062

Deuteranomaly

27.9241, 25.8732, 56.9484

Tritanomaly

27.0396, 25.5848, 40.0724

Monochromacy



Original Color

30.6607, 25.8816, 57.4125

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2336, 26.5554, 38.3407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6607, 25.8816, 57.4125 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(151, 127, 199)` looks like.

```
.text, #text, p{  
    color:rgb(151, 127, 199)  
}
```

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(151, 127, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 127, 199) }
```

Border

The CSS property to change the border of an element to XYZ 30.6607, 25.8816, 57.4125 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(151, 127, 199) }
```


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

```
.border{ border-color:rgb(151, 127, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 127, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 127, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 127, 199); box-shadow:4px 4px 4px 4px rgb(151, 127, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6607, 25.8816, 57.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 127, 199) }
```

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

```
.background{ background-color: rgb(151,  
127, 199) }
```

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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