

Converting Colors

XYZ(27.2767, 25.1787, 36.6800)

Have a look what the booklet for
XYZ(27.2767, 25.1787, 36.6800)
contains.

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Color

**XYZ(27.2767, 25.1787,
36.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	9882A0
RGB	152, 130, 160
RGB Percent	60%, 51%, 63%
CMY	0.4039, 0.4902, 0.3725
CMYK	0.05, 0.19, 0.00, 0.37
HSL	284°, 14%, 57%
HSV	284°, 19%, 63%
XYZ	27.2767, 25.1787, 36.6800
YIQ	139.9980, 3.4820, 13.9940

Conversions

Conversions Part 2

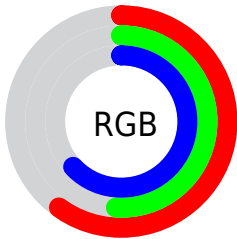
Format	Color
R_{YB}	152, 130, 160
Decimal	9994912
CIE _{Lab}	57.25, 14.07, -12.87
CIE _{LCh}	57, 19.071, 317.558
Yxy	25.1787, 0.3060, 0.2825
Android (android.graphics.Color)	4288184992 (0xFF9882A0)
YUV	139.9980, 9.8610, 10.5258
Hunter-Lab	50.1784, 9.2195, -8.2157

Details

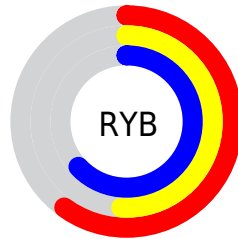
The XYZ color **27.2767, 25.1787, 36.6800** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **27.0821, 32.1572, 25.8998**, and the grayscale version is **24.8891, 26.1852, 28.5157**.

A 20% lighter version of the original color is **54.6528, 51.8951, 71.4262**, and **11.0160, 9.7343, 15.4857** is the 20% darker color. If you saturate the color by 10%, you get **24.5277, 20.8446, 35.9887**, and if you desaturate by 10%, it is **30.3869, 30.1916, 37.4840**.

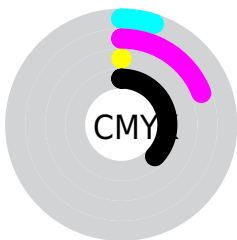
Distribution



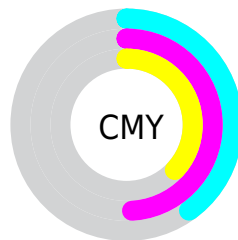
- Red (60%)
- Green (51%)
- Blue (63%)



- Red (60%)
- Yellow (51%)
- Blue (63%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (37%)



- Cyan (40%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2767, 25.1787, 36.6800 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 27.2767, 25.1787, 36.6800 by changing the saturation by 10% instead.

■ 27.2767, 25.1787,
36.6800

■ 27.2767, 25.1787,
36.6800

281.1375,
278.7267, 347.0499

■ 17.9188, 16.2102,
24.6660

■ 54.7443, 51.9470,
71.2612

■ 10.9910, 9.6730,
15.6116

■ 73.5848, 70.5156,
94.6654

■ 6.1281, 5.1827,
9.0984

■ 96.3168, 93.0530,
122.7034

■ 2.9645, 2.3549,
4.7077

123.3057,
119.9437, 155.7939

■ 1.1350, 0.8025,
2.0211

154.9168,
151.5720, 194.3552

■ 0.0541, 0.0000,
0.5682

191.5156,

■ 0.0000, 0.0000,

188.3224, 238.8059

0.0000

233.4674,
230.5791, 289.5646

■ 27.2767, 25.1787,
36.6800

■ 27.2767, 25.1787,
36.6800

■ 24.5277, 20.8446,
35.9887

■ 30.3869, 30.1916,
37.4840

■ 22.1221, 17.1556,
35.4034

■ 33.8705, 35.9088,
38.4040

■ 20.0439, 14.0795,
34.9192

■ 37.7421, 42.3583,
39.4448

■ 18.2748, 11.5804,
34.5301

■ 42.0146, 49.5658,
40.6108

■ 16.7947, 9.6184,
34.2294

■ 46.7005, 57.5556,
41.9060

■ 15.5808, 8.1485,
34.0097

■ 51.8114, 66.3508,
43.3343

■ 14.6067, 7.1182,
33.8621

■ 57.3588, 75.9737,
44.8993

■ 13.8203, 6.4239,
33.7696

■ 62.3877, 84.5141,
46.2827

■ 13.7263, 6.3432,
33.7589

■ 63.4409, 85.0570,
46.3320

Harmonies

Analogous

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



25.2639, 25.1787, 41.0434



27.2767, 25.1787, 36.6800



28.4212, 25.1787, 30.1792

Triad

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



27.2767, 25.1787, 36.6800



24.8781, 25.1787, 16.9876



20.0305, 25.1787, 31.3354

Complementary

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



27.2767, 25.1787, 36.6800



27.0821, 32.1572, 25.8998

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.



19.9416, 25.1787, 24.8256



27.2767, 25.1787, 36.6800



22.6470, 25.1787, 17.1970

Square

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



27.2767, 25.1787, 36.6800



26.9791, 25.1787, 19.2333



20.8718, 25.1787, 19.8589



21.1227, 25.1787, 37.6402

Rectangle

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



27.2767, 25.1787, 36.6800



28.4932, 25.1787, 25.8139



20.8718, 25.1787, 19.8589



19.8849, 25.1787, 29.0816

Sweetspot

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



27.2775, 25.1798, 36.6805



56.7716, 57.4253, 68.4785



24.6405, 25.4619, 36.8740



12.3704, 12.4628, 14.9972



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.2775, 25.1798, 36.6805



47.6178, 42.6854, 66.1159



28.2303, 25.7398, 33.6179



6.7315, 6.6656, 8.3385



10.7357, 4.9634, 26.2994



0.2293, 0.1080, 0.4720

Inverse Universe

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



27.0681, 25.2749, 27.4976



47.2112, 42.9086, 46.5396



26.2929, 31.6942, 28.3997



6.7021, 6.6738, 7.2823



11.6442, 5.9623, 2.3776



0.2243, 0.1130, 0.1272

Previews

White Background



This preview shows how the XYZ color 27.2767, 25.1787, 36.6800 looks on a white background.

Color Contrast Check

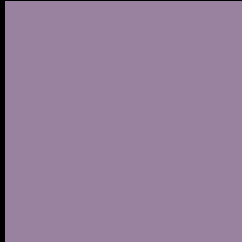
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2767, 25.1787, 36.6800 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 27.2767, 25.1787, 36.6800

Background



This preview shows how black text looks on a background with the XYZ color 27.2767, 25.1787, 36.6800.



This preview shows how white text looks on a background with the XYZ color 27.2767, 25.1787,

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

27.2767, 25.1787, 36.6800

Protanopia

25.0207, 25.1942, 38.6662

Deuteranopia

25.7676, 25.2161, 36.3100



Tritanopia

25.7399, 25.1478, 29.4840

Trichromacy



Original Color

27.2767, 25.1787, 36.6800

Protanomaly

25.7834, 25.1835, 38.1523

Deuteranomaly

26.3226, 25.2980, 36.2965

Tritanomaly

26.2538, 25.1565, 31.9057

Monochromacy



Original Color

27.2767, 25.1787, 36.6800

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5722, 25.6442, 31.2058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2767, 25.1787, 36.6800 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(152, 130, 160)` looks like.

```
.text, #text, p{  
    color:rgb(152, 130, 160)  
}
```

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(152, 130, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 130, 160) }
```

Border

The CSS property to change the border of an element to XYZ 27.2767, 25.1787, 36.6800 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(152, 130, 160) }
```


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

```
.border{ border-color:rgb(152, 130, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 130, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 130, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 130, 160);  
box-shadow:4px 4px 4px 4px rgb(152, 130,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2767, 25.1787, 36.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 130, 160) }
```

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

```
.background{ background-color: rgb(152,  
130, 160) }
```

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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