

Converting Colors

XYZ(35.3051, 30.7067, 66.3533)

Have a look what the booklet for
XYZ(35.3051, 30.7067, 66.3533)
contains.

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Color

**XYZ(35.3623, 30.7787,
66.3644)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9E8CD4 |
| RGB | 158, 140, 212 |
| RGB Percent | 62%, 55%, 83% |
| CMY | 0.3804, 0.4510, 0.1686 |
| CMYK | 0.25, 0.34, 0.00, 0.17 |
| HSL | 255°, 46%, 69% |
| HSV | 255°, 34%, 83% |
| XYZ | 35.3623, 30.7787, 66.3644 |
| YIQ | 153.5900, -12.3840, 26.2080 |

Conversions

Conversions Part 2

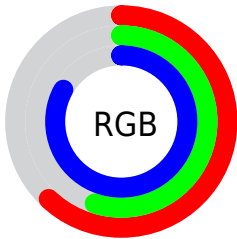
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 158, 140, 212 |
| Decimal | 10390740 |
| CIE _{Lab} | 62.32, 22.03, -34.54 |
| CIE _{LCh} | 62, 40.963, 302.529 |
| Yxy | 30.7787, 0.2669, 0.2323 |
| Android (android.graphics.Color) | 4288580820 (0xFF9E8CD4) |
| YUV | 153.5900, 28.7961, 3.8676 |
| Hunter-Lab | 55.4786, 16.6893, -32.0887 |

Details

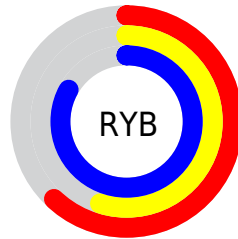
The XYZ color **35.3623, 30.7787, 66.3644** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.5259, 60.4503, 33.8172**, and the grayscale version is **30.4184, 32.0026, 34.8508**.

A 20% lighter version of the original color is **65.0733, 60.0997, 102.7784**, and **15.5677, 12.7499, 33.5388** is the 20% darker color. If you saturate the color by 10%, you get **29.6301, 23.6602, 65.2930**, and if you desaturate by 10%, it is **42.0980, 39.3018, 67.6550**.

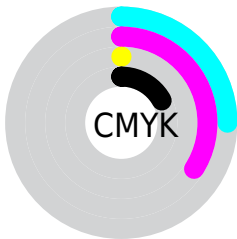
Distribution



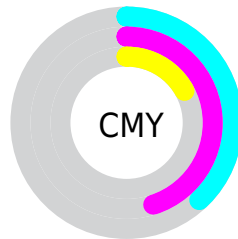
- Red (62%)
- Green (55%)
- Blue (83%)



- Red (62%)
- Yellow (55%)
- Blue (83%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3623, 30.7787, 66.3644 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 35.3623, 30.7787, 66.3644 by changing the saturation by 10% instead.

■ 35.3623, 30.7787,
66.3644

■ 35.3623, 30.7787,
66.3644

317.6447,
305.5175, 466.1187

■ 24.1099, 20.4304,
48.1099

■ 67.3770, 60.8915,
115.6412

■ 15.5404, 12.7083,
33.5533

■ 88.8700, 81.4248,
147.5005

■ 9.2883, 7.2280,
22.2761

■ 114.5072,
106.1218, 184.7320

■ 4.9883, 3.6051,
13.8597

144.6541,
135.3670, 227.7540

■ 2.2751, 1.4552,
7.8855

179.6759,
169.5448, 276.9851

■ 0.7819, 0.2569,
3.9350

219.9381,

■ 0.0000, 0.0000,

209.0395, 332.8439

1.5898

265.8059,
254.2356, 395.7490

■ 0.0000, 0.0000,
0.2835

■ 0.0000, 0.0000,
0.0000

■ 35.3623, 30.7787,
66.3644

■ 35.3623, 30.7787,
66.3644

■ 29.6301, 23.6602,
65.2930

■ 42.0980, 39.3018,
67.6550

■ 24.8485, 17.8658,
64.4266

■ 49.8803, 49.2965,
69.1740

■ 20.9642, 13.3125,
63.7525

■ 58.7535, 60.8301,
70.9326

■ 17.9171, 9.9062,
63.2556

■ 68.7584, 73.9645,
72.9405

■ 15.6391, 7.5387,
62.9187

■ 79.9336, 88.7582,
75.2069

■ 14.0498, 6.0801,
62.7209

■ 88.2985, 97.2318,
76.4016

■ 13.3520, 5.5104,
62.6477

■ 88.8838, 97.5335,
76.4290

Harmonies

Analogous

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



29.7266, 30.7787, 74.1484



35.3623, 30.7787, 66.3644



39.7564, 30.7787, 49.6427

Triad

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



35.3623, 30.7787, 66.3644



34.4469, 30.7787, 13.0828



19.8529, 30.7787, 34.8764

Complementary

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



35.3623, 30.7787, 66.3644



50.5259, 60.4503, 33.8172

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.



20.7865, 30.7787, 21.3205



35.3623, 30.7787, 66.3644



28.7869, 30.7787, 11.3449

Square

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



35.3623, 30.7787, 66.3644



39.1828, 30.7787, 19.6427



23.8934, 30.7787, 13.8147



21.1628, 30.7787, 52.7331

Rectangle

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



35.3623, 30.7787, 66.3644



41.1344, 30.7787, 37.6371



23.8934, 30.7787, 13.8147



19.9148, 30.7787, 29.7013

Sweetspot

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



35.3634, 30.7799, 66.3651



80.7585, 81.3472, 106.0529



41.9915, 48.9134, 69.5159



16.8855, 16.8926, 22.6206



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.



35.3634, 30.7799, 66.3651



47.0661, 38.4754, 99.5536



43.5107, 34.9800, 66.7464



12.0306, 12.1572, 15.6500



8.3207, 3.4420, 38.6790



0.5784, 0.2470, 2.3365

Inverse Universe

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



46.2678, 36.6493, 55.6749



66.3419, 48.8660, 79.9632



42.3785, 56.2502, 33.4359



12.8142, 12.5772, 14.9617



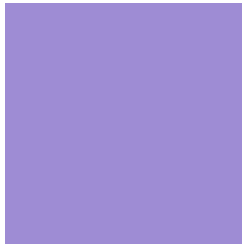
20.6672, 10.2032, 21.3494



1.2787, 0.6283, 1.4572

Previews

White Background



This preview shows how the XYZ color 35.3623, 30.7787, 66.3644 looks on a white background.

Color Contrast Check

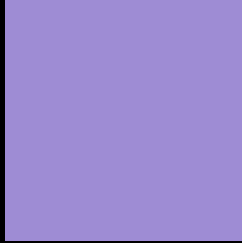
Large Text (above 18pt) WCAG AA × Fail

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 35.3623, 30.7787, 66.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

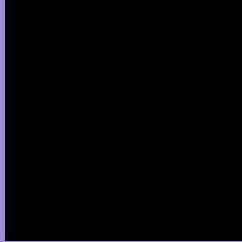
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3623, 30.7787, 66.3644

Background



This preview shows how black text looks on a background with the XYZ color 35.3623, 30.7787, 66.3644.



This preview shows how white text looks on a background with the XYZ color 35.3623, 30.7787,

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

35.3623, 30.7787, 66.3644

Protanopia

32.2782, 30.8835, 71.2777

Deuteranopia

31.5862, 30.8939, 65.2711



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

35.3623, 30.7787, 66.3644

Protanomaly

33.1675, 30.6976, 69.1429

Deuteranomaly

32.8520, 30.8364, 65.8485

Tritanomaly

31.4660, 30.5285, 47.4142

Monochromacy



Original Color

35.3623, 30.7787, 66.3644

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0029, 31.5586, 44.9621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3623, 30.7787, 66.3644 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(158, 140, 212)` looks like.

```
.text, #text, p{  
    color:rgb(158, 140, 212)  
}
```

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(158, 140, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 140, 212) }
```

Border

The CSS property to change the border of an element to XYZ 35.3623, 30.7787, 66.3644 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(158, 140, 212) }
```


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

```
.border{ border-color:rgb(158, 140, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 140, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 140, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 140, 212);  
box-shadow:4px 4px 4px 4px rgb(158, 140,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3623, 30.7787, 66.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 140, 212) }
```

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

```
.background{ background-color: rgb(158,  
140, 212) }
```

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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