

Converting Colors

XYZ(35.1791, 30.6590, 98.6714)

Have a look what the booklet for
XYZ(35.1791, 30.6590, 98.6714)
contains.

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Color

**XYZ(35.2086, 30.6468,
98.6675)**

Conversions

Conversions Part 1

Format	Color
Hex	758FFF
RGB	117, 143, 255
RGB Percent	46%, 56%, 100%
CMY	0.5411, 0.4392, 0.0000
CMYK	0.54, 0.44, 0.00, 0.00
HSL	229°, 100%, 73%
HSV	229°, 54%, 100%
XYZ	35.2086, 30.6468, 98.6675
YIQ	147.9940, -51.4480, 29.3200

Conversions

Conversions Part 2

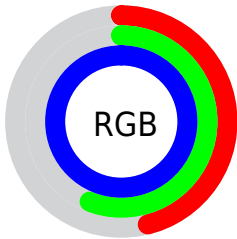
Format	Color
RYB	117, 139, 255
Decimal	7704575
CIELab	62.21, 21.99, -58.70
CIELCh	62, 62.680, 290.536
Yxy	30.6468, 0.2140, 0.1863
Android (android.graphics.Color)	4285894655 (0xFF758FFF)
YUV	147.9940, 52.7540, -27.1817
Hunter-Lab	55.3596, 16.6465, -66.9211

Details

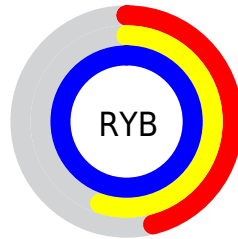
The XYZ color **35.2086, 30.6468, 98.6675** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **72.4721, 78.5862, 28.1807**, and the grayscale version is **27.9495, 29.4050, 32.0221**.

A 20% lighter version of the original color is **55.9214, 56.0470, 102.4785**, and **15.4726, 12.6097, 55.0445** is the 20% darker color. If you saturate the color by 10%, you get **29.4116, 23.4641, 97.5866**, and if you desaturate by 10%, it is **42.5140, 39.4586, 99.9833**.

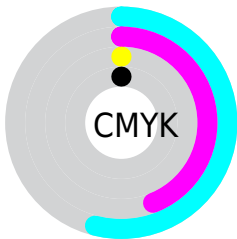
Distribution



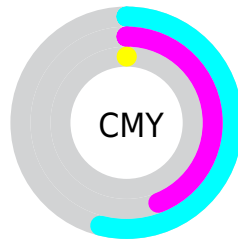
- Red (46%)
- Green (56%)
- Blue (100%)



- Red (46%)
- Yellow (55%)
- Blue (100%)



- Cyan (54%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2086, 30.6468, 98.6675 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 35.2086, 30.6468, 98.6675 by changing the saturation by 10% instead.

■ 35.2086, 30.6468,
98.6675

■ 35.2086, 30.6468,
98.6675

316.9800,
304.9078, 577.1222

■ 23.9909, 20.3300,
74.5775

■ 67.1407, 60.6836,
161.3607

■ 15.4516, 12.6352,
54.7672

■ 88.5858, 81.1724,
200.8010

■ 9.2253, 7.1778,
38.8180

■ 114.1707,
105.8206, 246.1951

■ 4.9467, 3.5736,
26.3114

144.2608,
135.0128, 297.9616

■ 2.2505, 1.4380,
16.8289

179.2214,
169.1331, 356.5190

■ 0.7691, 0.2445,
9.9519

219.4179,

■ 0.0000, 0.0000,

208.5662, 422.2859

5.2619

265.2157,
253.6963, 495.6808

■ 0.0000, 0.0000,
2.3403

■ 0.0000, 0.0000,
0.7537

■ 35.2086, 30.6468,
98.6675

■ 35.2086, 30.6468,
98.6675

■ 29.4116, 23.4641,
97.5866

■ 42.5140, 39.4586,
99.9833

■ 25.0102, 17.8045,
96.7262

■ 51.4225, 49.9906,
101.5466

■ 21.8808, 13.5532,
96.0705

■ 62.0248, 62.3303,
103.3696

■ 19.8743, 10.5760,
95.6016

■ 74.4040, 76.5582,
105.4634

■ 19.1084, 9.3368,
95.4028

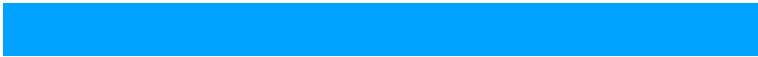
■ 88.6375, 92.7500,
107.8386

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



26.5381, 30.6468, 103.5326



35.2086, 30.6468, 98.6675



43.5598, 30.6468, 72.5448

Triad

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



35.2086, 30.6468, 98.6675



40.7247, 30.6468, 8.7940



15.8614, 30.6468, 26.2876

Complementary

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



35.2086, 30.6468, 98.6675



72.4721, 78.5862, 28.1807

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.



18.2993, 30.6468, 11.6703



35.2086, 30.6468, 98.6675



31.8830, 30.6468, 5.2979

Square

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



35.2086, 30.6468, 98.6675



47.1478, 30.6468, 19.5623



23.7927, 30.6468, 6.0089



16.4087, 30.6468, 52.4997

Rectangle

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



35.2086, 30.6468, 98.6675



47.2913, 30.6468, 51.4006



23.7927, 30.6468, 6.0089



16.3379, 30.6468, 20.1411

Sweetspot

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



35.2097, 30.6478, 98.6676



71.9309, 73.7281, 105.0475



57.0177, 80.8706, 85.5683



14.8341, 15.1363, 22.3897



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.



35.2097, 30.6478, 98.6676



28.9674, 22.9033, 97.5018



38.5924, 27.2544, 97.8343



17.2798, 17.9313, 22.8003



10.0632, 5.0360, 49.8762



1.0499, 0.6305, 4.8796

Inverse Universe

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



52.5601, 35.9674, 30.1594



48.2522, 29.8140, 21.1318



66.5869, 87.0409, 30.1228



18.1491, 18.0430, 19.4025



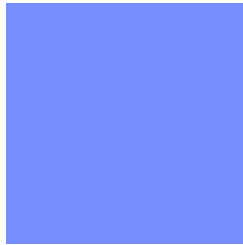
21.8676, 11.2363, 2.6875



2.1645, 1.1082, 0.4479

Previews

White Background



This preview shows how the XYZ color 35.2086, 30.6468, 98.6675 looks on a white background.

Color Contrast Check

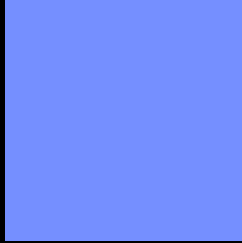
Large Text (above 18pt) WCAG AA × Fail

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 35.2086, 30.6468, 98.6675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

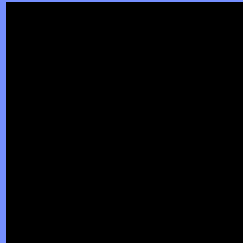
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2086, 30.6468, 98.6675

Background



This preview shows how black text looks on a background with the XYZ color 35.2086, 30.6468, 98.6675.



This preview shows how white text looks on a background with the XYZ color 35.2086, 30.6468,

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

35.2086, 30.6468, 98.6675

Protanopia

33.9224, 30.6613, 98.7381

Deuteranopia

31.8568, 30.8028, 97.1950



Tritanopia

24.4094, 30.6204, 44.6682

Trichromacy



Original Color

35.2086, 30.6468, 98.6675

Protanomaly

34.3597, 30.6589, 98.7146

Deuteranomaly

32.8929, 30.6109, 97.9408

Tritanomaly

27.4807, 30.0756, 60.8567

Monochromacy



Original Color

35.2086, 30.6468, 98.6675

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.5651, 29.4640, 51.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2086, 30.6468, 98.6675 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(117, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 143, 255)  
}
```

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(117, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 35.2086, 30.6468, 98.6675 is called "border". The border property can be set on classes, ids or directly on the HTML element.

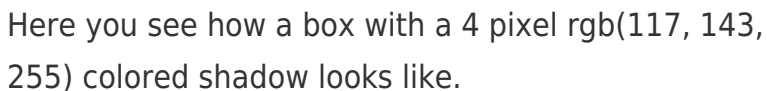
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 143, 255) }
```


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

```
.border{ border-color:rgb(117, 143, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2086, 30.6468, 98.6675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 143, 255) }
```

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

```
.background{ background-color: rgb(117,  
143, 255) }
```

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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