

Converting Colors

XYZ(32.9778, 30.8867, 66.5110)

Have a look what the booklet for
XYZ(32.9778, 30.8867, 66.5110)
contains.

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Color

**XYZ(32.9778, 30.8867,
66.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	8C92D4
RGB	140, 146, 212
RGB Percent	55%, 57%, 83%
CMY	0.4510, 0.4274, 0.1686
CMYK	0.34, 0.31, 0.00, 0.17
HSL	235°, 46%, 69%
HSV	235°, 34%, 83%
XYZ	32.9778, 30.8867, 66.5110
YIQ	151.7300, -24.7620, 19.2540

Conversions

Conversions Part 2

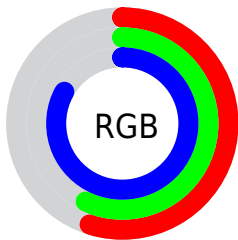
Format	Color
R_{YB}	140, 146, 212
Decimal	9212628
CIE _{Lab}	62.41, 13.36, -34.50
CIE _{LCh}	62, 37.001, 291.167
Yxy	30.8867, 0.2529, 0.2369
Android (android.graphics.Color)	4287402708 (0xFF8C92D4)
YUV	151.7300, 29.7131, -10.2872
Hunter-Lab	55.5758, 8.6614, -32.0529

Details

The XYZ color **32.9778, 30.8867, 66.5110** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.9572, 60.0340, 33.5561**, and the grayscale version is **29.6134, 31.1556, 33.9284**.

A 20% lighter version of the original color is **61.2100, 60.1307, 102.9880**, and **14.1992, 12.8263, 33.6256** is the 20% darker color. If you saturate the color by 10%, you get **26.9984, 23.7293, 65.4452**, and if you desaturate by 10%, it is **40.1567, 39.4197, 67.7802**.

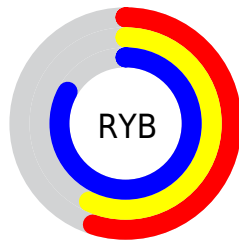
Distribution



Red (55%)

Green (57%)

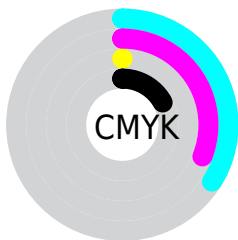
Blue (83%)



Red (55%)

Yellow (57%)

Blue (83%)

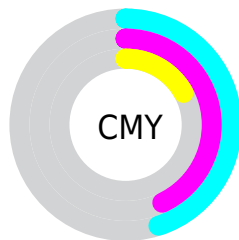


Cyan (34%)

Magenta (31%)

Yellow (0%)

Black (17%)



Cyan (45%)

Magenta (43%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9778, 30.8867, 66.5110 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 32.9778, 30.8867, 66.5110 by changing the saturation by 10% instead.

■ 32.9778, 30.8867,
66.5110

■ 32.9778, 30.8867,
66.5110

307.2164,
306.0160, 466.6562

■ 22.2686, 20.5126,
48.2282

■ 63.6958, 61.0616,
115.8534

■ 14.1721, 12.7682,
33.6464

■ 84.4353, 81.6313,
147.7502

■ 8.3230, 7.2691,
22.3469

109.2489,
106.3682, 185.0220

■ 4.3558, 3.6310,
13.9113

138.5020,
135.6568, 228.0874

■ 1.9053, 1.4694,
7.9209

172.5599,
169.8815, 277.3650

■ 0.5799, 0.2670,
3.9574

211.7881,

■ 0.0000, 0.0000,

209.4267, 333.2733

1.6020

256.5518,
254.6767, 396.2309

■ 0.0000, 0.0000,
0.2922

■ 0.0000, 0.0000,
0.0000

■ 32.9778, 30.8867,
66.5110

■ 32.9778, 30.8867,
66.5110

■ 26.9984, 23.7293,
65.4452

■ 40.1567, 39.4197,
67.7802

■ 22.1499, 17.8719,
64.5701

■ 48.5924, 49.3913,
69.2603

■ 18.3617, 13.2372,
63.8752

■ 58.3421, 60.8650,
70.9611

■ 15.5539, 9.7383,
63.3478

■ 69.4589, 73.8995,
72.8911

■ 13.6350, 7.2765,
62.9738

■ 81.9928, 88.5503,
75.0584

■ 12.4961, 5.7361,
62.7365

■ 88.8838, 97.5335,
76.4291

■ 12.0947, 5.1754,
62.6494

Harmonies

Analogous

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



27.9012, 30.8867, 68.9598



32.9778, 30.8867, 66.5110



37.5261, 30.8867, 54.0863

Triad

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



32.9778, 30.8867, 66.5110



35.8271, 30.8867, 16.3806



20.8231, 30.8867, 29.5661

Complementary

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



32.9778, 30.8867, 66.5110



53.9572, 60.0340, 33.5561

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.



22.4686, 30.8867, 19.1173



32.9778, 30.8867, 66.5110



30.8624, 30.8867, 13.0590

Square

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



32.9778, 30.8867, 66.5110



39.2970, 30.8867, 24.6126



26.0112, 30.8867, 13.8935



21.2525, 30.8867, 44.6189

Rectangle

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



32.9778, 30.8867, 66.5110



39.4604, 30.8867, 43.3546



26.0112, 30.8867, 13.8935



21.1444, 30.8867, 25.4811

Sweetspot

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



32.9789, 30.8879, 66.5117



79.2740, 81.4626, 106.1534



45.5002, 57.1194, 67.0203



16.5293, 16.9198, 22.6446



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.



32.9789, 30.8879, 66.5117



43.1367, 38.5988, 99.7845



37.8404, 32.0570, 66.4811



11.8250, 12.1733, 15.6640



7.4966, 3.2550, 38.6863



0.4817, 0.2554, 2.3432

Inverse Universe

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



41.7187, 34.8297, 31.7193



58.4904, 45.7254, 38.6177



47.5694, 58.9263, 33.6790



12.4648, 12.4374, 13.1221



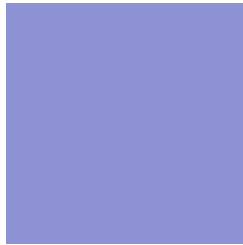
16.8428, 8.6734, 1.2104



1.0308, 0.5291, 0.1515

Previews

White Background



This preview shows how the XYZ color 32.9778, 30.8867, 66.5110 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 32.9778, 30.8867, 66.5110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

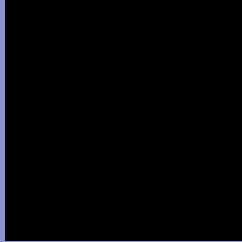
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9778, 30.8867, 66.5110

Background



This preview shows how black text looks on a background with the XYZ color 32.9778, 30.8867, 66.5110.



This preview shows how white text looks on a background with the XYZ color 32.9778, 30.8867,

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

32.9778, 30.8867, 66.5110

Protanopia

31.9334, 30.7807, 67.8765

Deuteranopia

31.7112, 30.9439, 65.9294



Tritanopia

27.9023, 30.9785, 41.0681

Trichromacy



Original Color

32.9778, 30.8867, 66.5110

Protanomaly

32.2755, 30.7399, 67.1831

Deuteranomaly

32.1793, 30.9513, 65.9062

Tritanomaly

29.6070, 30.9437, 49.2120

Monochromacy



Original Color

32.9778, 30.8867, 66.5110

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.7591, 31.1646, 44.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9778, 30.8867, 66.5110 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(140, 146, 212)` looks like.

```
.text, #text, p{  
    color:rgb(140, 146, 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(140, 146, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 146, 212) }
```

Border

The CSS property to change the border of an element to XYZ 32.9778, 30.8867, 66.5110 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(140, 146, 212) }
```


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

```
.border{ border-color:rgb(140, 146, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 146, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 146, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 146, 212);  
box-shadow:4px 4px 4px 4px rgb(140, 146,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9778, 30.8867, 66.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 146, 212) }
```

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

```
.background{ background-color: rgb(140,  
146, 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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