

Converting Colors

XYZ(30.3328, 28.9569, 61.1175)

Have a look what the booklet for
XYZ(30.3328, 28.9569, 61.1175)
contains.

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Color

**XYZ(30.3944, 28.9911,
61.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	858FCC
RGB	133, 143, 204
RGB Percent	52%, 56%, 80%
CMY	0.4784, 0.4392, 0.2000
CMYK	0.35, 0.30, 0.00, 0.20
HSL	232°, 41%, 66%
HSV	232°, 35%, 80%
XYZ	30.3944, 28.9911, 61.1206
YIQ	146.9640, -25.5410, 16.8510

Conversions

Conversions Part 2

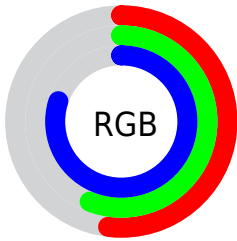
Format	Color
RYB	133, 142, 204
Decimal	8753100
CIELab	60.77, 11.00, -32.61
CIELCh	61, 34.418, 288.632
Yxy	28.9911, 0.2522, 0.2406
Android (android.graphics.Color)	4286943180 (0xFF858FCC)
YUV	146.9640, 28.1187, -12.2464
Hunter-Lab	53.8434, 6.5367, -29.6130

Details

The XYZ color **30.3944, 28.9911, 61.1206** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.4280, 53.1151, 29.8912**, and the grayscale version is **27.6142, 29.0522, 31.6379**.

A 20% lighter version of the original color is **58.7553, 57.8439, 102.6760**, and **12.7276, 11.7362, 30.4487** is the 20% darker color. If you saturate the color by 10%, you get **25.0523, 22.6321, 60.1753**, and if you desaturate by 10%, it is **36.7751, 36.4969, 62.2336**.

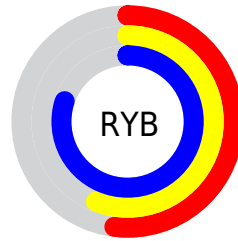
Distribution



Red (52%)

Green (56%)

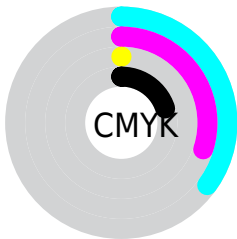
Blue (80%)



Red (52%)

Yellow (56%)

Blue (80%)

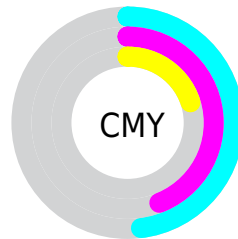


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (48%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3944, 28.9911, 61.1206 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 30.3944, 28.9911, 61.1206 by changing the saturation by 10% instead.

■ 30.3944, 28.9911,
61.1206

■ 30.3944, 28.9911,
61.1206

295.6155,
297.1730, 446.6348

■ 20.2877, 19.0741,
43.8913

■ 59.6677, 58.0629,
108.0128

■ 12.7138, 11.7238,
30.2485

■ 79.5650, 77.9866,
138.5127

■ 7.3074, 6.5559,
19.7736

■ 103.4566,
102.0145, 174.2733

■ 3.7031, 3.1860,
12.0482

131.7077,
130.5312, 215.7131

■ 1.5356, 1.2296,
6.6536

164.6838,
163.9210, 263.2506

■ 0.3499, 0.0857,
3.1713

202.7503,

■ 0.0000, 0.0000,

202.5683, 317.3044

1.1827

246.2724,
246.8575, 378.2929

■ 0.0000, 0.0000,
0.0000

■ 30.3944, 28.9911,
61.1206

■ 30.3944, 28.9911,
61.1206

■ 25.0523, 22.6321,
60.1753

■ 36.7751, 36.4969,
62.2336

■ 20.6903, 17.3598,
59.3875

■ 44.2426, 45.1990,
63.5197

■ 17.2489, 13.1136,
58.7493

■ 52.8456, 55.1480,
64.9866

■ 14.6605, 9.8253,
58.2510

■ 62.6291, 66.3907,
66.6410

■ 12.8481, 7.4185,
57.8820

■ 73.6357, 78.9712,
68.4892

■ 11.7200, 5.8043,
57.6299

■ 85.7570, 92.8552,
70.5302

■ 11.3320, 5.2253,
57.5386

■ 87.8992, 97.1397,
71.2443

Harmonies

Analogous

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



25.8950, 28.9911, 62.3836



30.3944, 28.9911, 61.1206



34.5245, 28.9911, 50.7965

Triad

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



30.3944, 28.9911, 61.1206



33.6369, 28.9911, 16.4584



19.9563, 28.9911, 26.9574

Complementary

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



30.3944, 28.9911, 61.1206



48.4280, 53.1151, 29.8912

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.



21.5932, 28.9911, 17.9292



30.3944, 28.9911, 61.1206



29.2848, 28.9911, 13.0568

Square

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



30.3944, 28.9911, 61.1206



36.5317, 28.9911, 24.3348



24.8985, 28.9911, 13.5102



20.1845, 28.9911, 40.1050

Rectangle

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



30.3944, 28.9911, 61.1206



36.3626, 28.9911, 41.4149



24.8985, 28.9911, 13.5102



20.2988, 28.9911, 23.4178

Sweetspot

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



30.3954, 28.9922, 61.1213



79.6877, 82.2901, 106.2913



40.9313, 52.0389, 58.5449



16.6284, 17.1181, 22.6777



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.



30.3954, 28.9922, 61.1213



43.3391, 39.6954, 99.9855



33.3586, 28.3897, 60.8488



10.7271, 11.0946, 14.1465



7.1733, 3.3706, 36.2288



0.4124, 0.2585, 1.8831

Inverse Universe

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



38.2481, 31.5966, 30.0705



58.4237, 45.0522, 40.2597



44.4524, 54.4814, 30.3645



11.2756, 11.2390, 11.9860



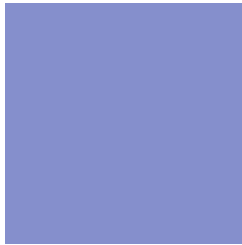
15.8317, 8.1433, 1.5662



0.8381, 0.4286, 0.1933

Previews

White Background



This preview shows how the XYZ color 30.3944, 28.9911, 61.1206 looks on a white background.

Color Contrast Check

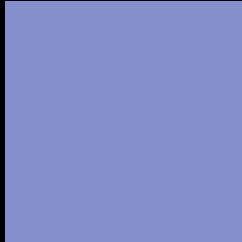
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3944, 28.9911, 61.1206 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 30.3944, 28.9911, 61.1206

Background



This preview shows how black text looks on a background with the XYZ color 30.3944, 28.9911, 61.1206.



This preview shows how white text looks on a background with the XYZ color 30.3944, 28.9911,

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

30.3944, 28.9911, 61.1206

Protanopia

29.8948, 28.9435, 61.7686

Deuteranopia

29.7769, 29.1225, 61.1785



Tritanopia

25.9896, 29.0626, 38.8902

Trichromacy



Original Color

30.3944, 28.9911, 61.1206

Protanomaly

30.1986, 29.1001, 61.7829

Deuteranomaly

29.9256, 28.9733, 61.1419

Tritanomaly

27.3782, 28.9062, 46.2559

Monochromacy



Original Color

30.3944, 28.9911, 61.1206

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5021, 29.1357, 41.1673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3944, 28.9911, 61.1206 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(133, 143, 204)` looks like.

```
.text, #text, p{  
    color:rgb(133, 143, 204)  
}
```

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(133, 143, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 143, 204) }
```

Border

The CSS property to change the border of an element to XYZ 30.3944, 28.9911, 61.1206 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(133, 143, 204) }
```


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

```
.border{ border-color:rgb(133, 143, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 143, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 143, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 143, 204);  
box-shadow:4px 4px 4px 4px rgb(133, 143,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3944, 28.9911, 61.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 143, 204) }
```

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

```
.background{ background-color: rgb(133,  
143, 204) }
```

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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