

Converting Colors

XYZ(29.2630, 28.4392, 60.0583)

Have a look what the booklet for
XYZ(29.2630, 28.4392, 60.0583)
contains.

XYZ(29.2355, 28.4212, 59.8221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2355, 28.4212,
59.8221)**

Conversions

Conversions Part 1

Format	Color
Hex	7F8FCA
RGB	127, 143, 202
RGB Percent	50%, 56%, 79%
CMY	0.5019, 0.4392, 0.2078
CMYK	0.37, 0.29, 0.00, 0.21
HSL	227°, 41%, 65%
HSV	227°, 37%, 79%
XYZ	29.2355, 28.4212, 59.8221
YIQ	144.9420, -28.4750, 14.9570

Conversions

Conversions Part 2

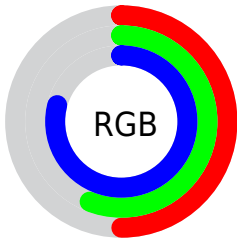
Format	Color
R_{YB}	127, 140, 202
Decimal	8359882
CIE _{Lab}	60.27, 8.78, -32.31
CIE _{LCh}	60, 33.482, 285.197
Yxy	28.4212, 0.2489, 0.2419
Android (android.graphics.Color)	4286549962 (0xFF7F8FCA)
YUV	144.9420, 28.1296, -15.7351
Hunter-Lab	53.3115, 4.5924, -29.2126

Details

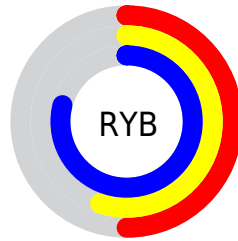
The XYZ color **29.2355, 28.4212, 59.8221** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.7475, 49.2074, 27.1666**, and the grayscale version is **26.7886, 28.1837, 30.6920**.

A 20% lighter version of the original color is **57.3077, 57.0976, 102.6082**, and **12.0837, 11.4227, 29.5849** is the 20% darker color. If you saturate the color by 10%, you get **24.3043, 22.5856, 58.9561**, and if you desaturate by 10%, it is **35.1097, 35.2458, 60.8303**.

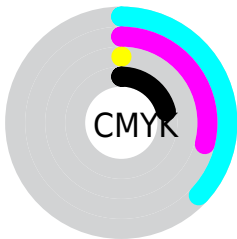
Distribution



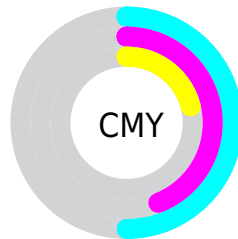
- Red (50%)
- Green (56%)
- Blue (79%)



- Red (50%)
- Yellow (55%)
- Blue (79%)



- Cyan (37%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2355, 28.4212, 59.8221 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 29.2355, 28.4212, 59.8221 by changing the saturation by 10% instead.

■ 29.2355, 28.4212,
59.8221

■ 29.2355, 28.4212,
59.8221

290.2987,
294.4741, 441.7281

■ 19.4042, 18.6434,
42.8509

■ 57.8460, 57.1562,
106.1124

■ 12.0685, 11.4129,
29.4376

■ 77.3560, 76.8822,
136.2686

■ 6.8628, 6.3453,
19.1637

■ 100.8228,
100.6931, 171.6568

■ 3.4220, 3.0561,
11.6106

128.6120,
128.9732, 212.6957

■ 1.3807, 1.1611,
6.3598

161.0888,
162.1070, 259.8037

■ 0.2424, 0.0296,
2.9928

198.6186,

■ 0.0000, 0.0000,

200.4788, 313.3995

1.0909

241.5668,
244.4730, 373.9014

■ 0.0000, 0.0000,
0.0000

■ 29.2355, 28.4212,
59.8221

■ 29.2355, 28.4212,
59.8221

■ 24.3043, 22.5856,
58.9561

■ 35.1097, 35.2458,
60.8303

■ 20.2629, 17.6887,
58.2239

■ 41.9704, 43.0998,
61.9847

■ 17.0568, 13.6807,
57.6193

■ 49.8622, 52.0253,
63.2915

■ 14.6244, 10.5055,
57.1346

■ 58.8257, 62.0612,
64.7562

■ 12.8949, 8.1001,
56.7615

■ 68.8994, 73.2441,
66.3838

■ 11.7764, 6.3878,
56.4899

■ 80.1201, 85.6094,
68.1791

■ 11.5281, 5.9989,
56.4280

■ 87.4181, 96.5589,
69.9080

■ 87.6608, 97.0443,
69.9889

Harmonies

Analogous

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



24.9591, 28.4212, 59.8875



29.2355, 28.4212, 59.8221



33.3034, 28.4212, 50.7706

Triad

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



29.2355, 28.4212, 59.8221



33.2572, 28.4212, 17.0211



19.7935, 28.4212, 25.2908

Complementary

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



29.2355, 28.4212, 59.8221



45.7475, 49.2074, 27.1666

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.



21.5701, 28.4212, 17.0985



29.2355, 28.4212, 59.8221



29.1776, 28.4212, 13.2562

Square

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



29.2355, 28.4212, 59.8221



35.7873, 28.4212, 25.1535



24.9070, 28.4212, 13.2802



19.8055, 28.4212, 37.5654

Rectangle

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



29.2355, 28.4212, 59.8221



35.2201, 28.4212, 41.9590



24.9070, 28.4212, 13.2802



20.1923, 28.4212, 22.0511

Sweetspot

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



29.2365, 28.4223, 59.8228



78.8330, 81.7832, 106.2385



38.7101, 50.2883, 53.9823



16.4790, 17.0589, 22.6741



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.



29.2365, 28.4223, 59.8228



42.3139, 39.6302, 100.0269



30.5090, 25.7633, 59.2425



10.7925, 11.2255, 14.1683



7.4717, 3.9674, 36.3282



0.4425, 0.3187, 1.8931

Inverse Universe

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



36.9053, 29.7195, 29.7790



57.4216, 42.7961, 40.7026



43.9495, 53.5676, 28.1029



11.3086, 11.2522, 12.1599



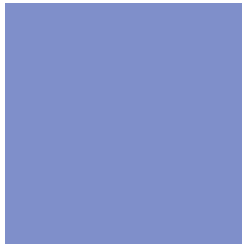
15.9823, 8.2035, 2.3593



0.8533, 0.4347, 0.2733

Previews

White Background



This preview shows how the XYZ color 29.2355, 28.4212, 59.8221 looks on a white background.

Color Contrast Check

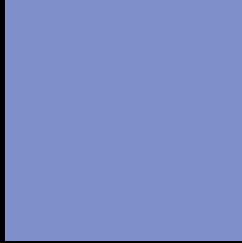
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2355, 28.4212, 59.8221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

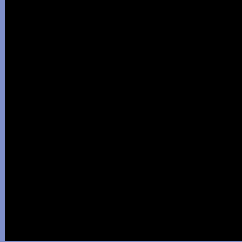
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2355, 28.4212, 59.8221

Background



This preview shows how black text looks on a background with the XYZ color 29.2355, 28.4212, 59.8221.



This preview shows how white text looks on a background with the XYZ color 29.2355, 28.4212,

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

29.2355, 28.4212, 59.8221

Protanopia

29.2355, 28.4212, 59.8221

Deuteranopia

29.0873, 28.3448, 59.8151



Tritanopia

25.1487, 28.6291, 38.8508

Trichromacy



Original Color

29.2355, 28.4212, 59.8221

Protanomaly

29.2355, 28.4212, 59.8221

Deuteranomaly

29.0873, 28.3448, 59.8151

Tritanomaly

26.4109, 28.4191, 45.6884

Monochromacy



Original Color

29.2355, 28.4212, 59.8221

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3374, 28.1030, 40.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2355, 28.4212, 59.8221 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(127, 143, 202)` looks like.

```
.text, #text, p{  
    color:rgb(127, 143, 202)  
}
```

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(127, 143, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 143, 202) }
```

Border

The CSS property to change the border of an element to XYZ 29.2355, 28.4212, 59.8221 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(127, 143, 202) }
```


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

```
.border{ border-color:rgb(127, 143, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 143, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 143, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 143, 202);  
box-shadow:4px 4px 4px 4px rgb(127, 143,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2355, 28.4212, 59.8221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 143, 202) }
```

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

```
.background{ background-color: rgb(127,  
143, 202) }
```

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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