

Converting Colors

XYZ(29.9313, 27.8492, 60.1444)

Have a look what the booklet for
XYZ(29.9313, 27.8492, 60.1444)
contains.

XYZ(30.0038, 27.9279, 60.3092)	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(30.0038, 27.9279,
60.3092)**

Conversions

Conversions Part 1

Format	Color
Hex	878BCB
RGB	135, 139, 203
RGB Percent	53%, 55%, 80%
CMY	0.4706, 0.4549, 0.2039
CMYK	0.33, 0.32, 0.00, 0.20
HSL	236°, 40%, 66%
HSV	236°, 33%, 80%
XYZ	30.0038, 27.9279, 60.3092
YIQ	145.1000, -22.9280, 19.0560

Conversions

Conversions Part 2

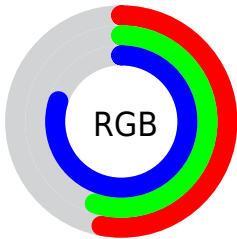
Format	Color
R_{YB}	135, 139, 203
Decimal	8883147
CIE _{Lab}	59.82, 13.62, -33.52
CIE _{LCh}	60, 36.181, 292.115
Yxy	27.9279, 0.2538, 0.2362
Android (android.graphics.Color)	4287073227 (0xFF878BCB)
YUV	145.1000, 28.5447, -8.8577
Hunter-Lab	52.8469, 8.8614, -30.6694

Details

The XYZ color **30.0038, 27.9279, 60.3092** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.4260, 55.2936, 30.9906**, and the grayscale version is **26.8494, 28.2476, 30.7617**.

A 20% lighter version of the original color is **58.1348, 55.8664, 102.3270**, and **12.4769, 11.1085, 29.9203** is the 20% darker color. If you saturate the color by 10%, you get **24.5149, 21.3446, 59.3283**, and if you desaturate by 10%, it is **36.6009, 35.8013, 61.4817**.

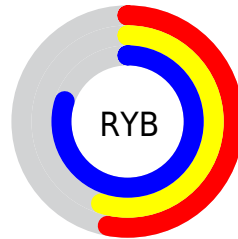
Distribution



Red (53%)

Green (55%)

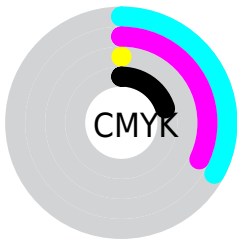
Blue (80%)



Red (53%)

Yellow (55%)

Blue (80%)

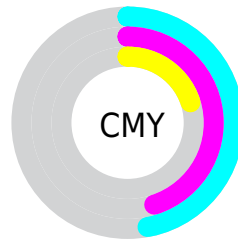


Cyan (33%)

Magenta (32%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (45%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0038, 27.9279, 60.3092 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 30.0038, 27.9279, 60.3092 by changing the saturation by 10% instead.

■ 30.0038, 27.9279,
60.3092

■ 30.0038, 27.9279,
60.3092

293.8317,
292.1222, 443.5728

■ 19.9896, 18.2713,
43.2410

■ 59.0548, 56.3693,
106.8258

■ 12.4957, 11.1450,
29.7414

■ 78.8222, 75.9229,
137.1113

■ 7.1568, 6.1644,
19.3920

■ 102.5714, 99.5443,
172.6397

■ 3.6076, 2.9453,
11.7742

130.6678,
127.6180, 213.8294

■ 1.4826, 1.1032,
6.4695

163.4766,
160.5282, 261.0990

■ 0.3139, 0.0000,
3.0592

201.3633,

■ 0.0000, 0.0000,

198.6593, 314.8671

1.1250

244.6932,
242.3959, 375.5522

■ 0.0000, 0.0000,
0.0000

■ 30.0038, 27.9279,
60.3092

■ 30.0038, 27.9279,
60.3092

■ 24.5149, 21.3446,
59.3283

■ 36.6009, 35.8013,
61.4817

■ 20.0705, 15.9796,
58.5270

■ 44.3591, 45.0250,
62.8532

■ 16.6051, 11.7588,
57.8949

■ 53.3318, 55.6595,
64.4329

■ 14.0446, 8.5991,
57.4200

■ 63.5680, 67.7605,
66.2291

■ 12.3041, 6.4058,
57.0884

■ 75.1140, 81.3808,
68.2496

■ 11.2828, 5.0674,
56.8839

■ 87.3471, 96.2268,
70.4704

■ 10.9103, 4.5733,
56.8081

■ 87.7796, 97.0918,
70.6146

Harmonies

Analogous

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



25.3535, 27.9279, 62.9009



30.0038, 27.9279, 60.3092



34.1282, 27.9279, 48.6972

Triad

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



30.0038, 27.9279, 60.3092



32.3346, 27.9279, 14.5176



18.7347, 27.9279, 27.0750

Complementary

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



30.0038, 27.9279, 60.3092



49.4260, 55.2936, 30.9906

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.



20.1769, 27.9279, 17.3902



30.0038, 27.9279, 60.3092



27.7725, 27.9279, 11.6291

Square

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



30.0038, 27.9279, 60.3092



35.5782, 27.9279, 21.8596



23.3621, 27.9279, 12.5030



19.1863, 27.9279, 40.9387

Rectangle

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



30.0038, 27.9279, 60.3092



35.8495, 27.9279, 38.8402



23.3621, 27.9279, 12.5030



19.0076, 27.9279, 23.2953

Sweetspot

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



30.0048, 27.9290, 60.3099



79.0987, 81.1121, 106.0950



41.5954, 51.9623, 61.5468



16.4873, 16.8358, 22.6306



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.



30.0048, 27.9290, 60.3099



43.5849, 38.7883, 99.7975



34.8508, 29.5832, 60.3737



10.6538, 10.9481, 14.1220



6.9658, 2.9556, 36.1596



0.3783, 0.1904, 1.8718

Inverse Universe

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



37.9536, 31.8896, 28.5820



58.8892, 46.5456, 38.6809



43.0817, 53.4070, 30.9608



11.2386, 11.2242, 11.7913



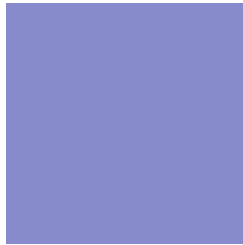
15.7269, 8.1014, 1.0148



0.8209, 0.4218, 0.1027

Previews

White Background



This preview shows how the XYZ color 30.0038, 27.9279, 60.3092 looks on a white background.

Color Contrast Check

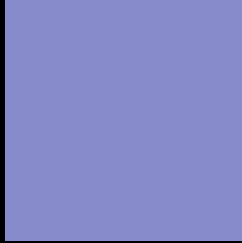
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0038, 27.9279, 60.3092 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 30.0038, 27.9279, 60.3092

Background



This preview shows how black text looks on a background with the XYZ color 30.0038, 27.9279, 60.3092.



This preview shows how white text looks on a background with the XYZ color 30.0038, 27.9279,

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

30.0038, 27.9279, 60.3092

Protanopia

29.0046, 28.0389, 61.6409

Deuteranopia

28.5020, 27.8212, 59.7449



Tritanopia

25.3054, 28.0430, 36.8800

Trichromacy



Original Color

30.0038, 27.9279, 60.3092

Protanomaly

29.3260, 27.9986, 60.9854

Deuteranomaly

28.9379, 27.8260, 59.7229

Tritanomaly

26.9165, 28.0131, 44.5459

Monochromacy



Original Color

30.0038, 27.9279, 60.3092

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6899, 28.0608, 40.0333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0038, 27.9279, 60.3092 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(135, 139, 203)` looks like.

```
.text, #text, p{  
    color:rgb(135, 139, 203)  
}
```

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(135, 139, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 139, 203) }
```

Border

The CSS property to change the border of an element to XYZ 30.0038, 27.9279, 60.3092 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(135, 139, 203) }
```


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

```
.border{ border-color:rgb(135, 139, 203) }
```

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

Here you see how a box with a 4 pixel rgb(135, 139, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 139, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 139, 203);  
box-shadow:4px 4px 4px 4px rgb(135, 139,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0038, 27.9279, 60.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 139, 203) }
```

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

```
.background{ background-color: rgb(135,  
139, 203) }
```

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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