

Converting Colors

XYZ(29.4355, 26.7911, 60.1197)

Have a look what the booklet for
XYZ(29.4355, 26.7911, 60.1197)
contains.

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Color

**XYZ(29.4351, 26.7906,
60.1196)**

Conversions

Conversions Part 1

Format	Color
Hex	8787CB
RGB	135, 135, 203
RGB Percent	53%, 53%, 80%
CMY	0.4706, 0.4706, 0.2039
CMYK	0.33, 0.33, 0.00, 0.20
HSL	240°, 40%, 66%
HSV	240°, 33%, 80%
XYZ	29.4351, 26.7906, 60.1196
YIQ	142.7520, -21.8280, 21.1480

Conversions

Conversions Part 2

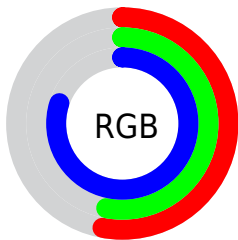
Format	Color
R_{YB}	135, 135, 203
Decimal	8882123
CIE _{Lab}	58.78, 15.95, -35.15
CIE _{LCh}	59, 38.598, 294.415
Yxy	26.7906, 0.2530, 0.2303
Android (android.graphics.Color)	4287072203 (0xFF8787CB)
YUV	142.7520, 29.7023, -6.7985
Hunter-Lab	51.7596, 10.9315, -32.6345

Details

The XYZ color **29.4351, 26.7906, 60.1196** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.3582, 57.1581, 31.3011**, and the grayscale version is **25.9020, 27.2510, 29.6763**.

A 20% lighter version of the original color is **57.2684, 54.1336, 102.0382**, and **12.1530, 10.4608, 29.8124** is the 20% darker color. If you saturate the color by 10%, you get **23.9077, 20.1303, 59.1258**, and if you desaturate by 10%, it is **36.1271, 34.8539, 61.3238**.

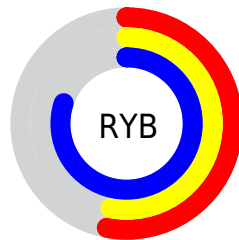
Distribution



Red (53%)

Green (53%)

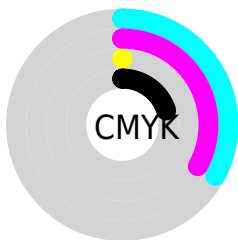
Blue (80%)



Red (53%)

Yellow (53%)

Blue (80%)

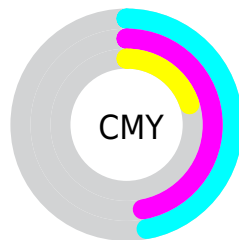


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (20%)



Cyan (47%)

Magenta (47%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4351, 26.7906, 60.1196 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 29.4351, 26.7906, 60.1196 by changing the saturation by 10% instead.

■ 29.4351, 26.7906,
60.1196

■ 29.4351, 26.7906,
60.1196

291.2197,
286.6418, 442.8553

■ 19.5561, 17.4160,
43.0891

■ 58.1605, 54.5477,
106.5482

■ 12.1792, 10.5315,
29.6231

■ 77.7376, 73.6989,
136.7834

■ 6.9389, 5.7528,
19.3031

■ 101.2781, 96.8779,
172.2573

■ 3.4699, 2.6953,
11.7105

129.1474,
124.4689, 213.3883

■ 1.4069, 0.9748,
6.4267

161.7109,
156.8565, 260.5951

■ 0.2611, 0.0000,
3.0333

199.3338,

■ 0.0000, 0.0000,

194.4248, 314.2962

1.1117

242.3817,
237.5585, 374.9101

■ 0.0000, 0.0000,
0.0000

■ 29.4351, 26.7906,
60.1196

■ 29.4351, 26.7906,
60.1196

■ 23.9077, 20.1303,
59.1258

■ 36.1271, 34.8539,
61.3238

■ 19.4757, 14.7900,
58.3287

■ 44.0419, 44.3908,
62.7474

■ 16.0672, 10.6830,
57.7156

■ 53.2373, 55.4706,
64.4014

■ 13.6003, 7.7106,
57.2719

■ 63.7663, 68.1574,
66.2952

■ 11.9809, 5.7593,
56.9806

■ 75.6793, 82.5118,
68.4380

■ 11.0951, 4.6920,
56.8212

■ 87.7796, 97.0918,
70.6145

■ 10.7796, 4.3118,
56.7645

Harmonies

Analogous

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



24.5838, 26.7906, 63.7845



29.4351, 26.7906, 60.1196



33.6511, 26.7906, 47.2252

Triad

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



29.4351, 26.7906, 60.1196



31.1663, 26.7906, 12.6308



17.4014, 26.7906, 26.6945

Complementary

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



29.4351, 26.7906, 60.1196



50.3582, 57.1581, 31.3011

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.



18.7252, 26.7906, 16.4271



29.4351, 26.7906, 60.1196



26.3643, 26.7906, 10.0937

Square

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



29.4351, 26.7906, 60.1196



34.7345, 26.7906, 19.6261



21.8665, 26.7906, 11.2271



18.0093, 26.7906, 41.3948

Rectangle

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



29.4351, 26.7906, 60.1196



35.3304, 26.7906, 36.7901



21.8665, 26.7906, 11.2271



17.6296, 26.7906, 22.6829

Sweetspot

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



29.4360, 26.7916, 60.1202



78.6808, 80.2761, 105.9557



42.1278, 52.1752, 64.3508



16.3873, 16.6358, 22.5973



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.



29.4360, 26.7916, 60.1202



42.5782, 36.7748, 99.4619



35.8064, 30.0757, 60.4184



10.6018, 10.8440, 14.1047



6.8600, 2.7440, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



44.0727, 34.3371, 60.8050



70.6811, 51.2624, 100.7766



42.0920, 52.8968, 30.9142



11.6876, 11.4038, 14.1555



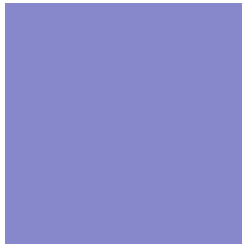
22.5335, 10.8240, 36.8574



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 29.4351, 26.7906, 60.1196 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 29.4351, 26.7906, 60.1196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

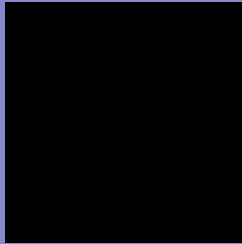
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4351, 26.7906, 60.1196

Background



This preview shows how black text looks on a background with the XYZ color 29.4351, 26.7906, 60.1196.



This preview shows how white text looks on a background with the XYZ color 29.4351, 26.7906,

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

29.4351, 26.7906, 60.1196

Protanopia

27.9809, 26.8434, 62.0991

Deuteranopia

27.5100, 26.8720, 59.6140



Tritanopia

24.4315, 26.7068, 35.3197

Trichromacy



Original Color

29.4351, 26.7906, 60.1196

Protanomaly

28.5654, 26.9447, 61.4529

Deuteranomaly

28.0613, 26.7263, 59.5568

Tritanomaly

26.1210, 26.7340, 43.3186

Monochromacy



Original Color

29.4351, 26.7906, 60.1196

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.9848, 27.0482, 39.3959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4351, 26.7906, 60.1196 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, 135, 203)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 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, 135, 203) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 29.4351, 26.7906, 60.1196 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, 135, 203) }
```


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

```
.border{ border-color:rgb(135, 135, 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, 135, 203)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 29.4351, 26.7906, 60.1196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(135,  
135, 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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