

Converting Colors

XYZ(29.2271, 25.1711, 60.4469)

Have a look what the booklet for
XYZ(29.2271, 25.1711, 60.4469)
contains.

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Color

**XYZ(29.2657, 25.2869,
60.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	8B80CC
RGB	139, 128, 204
RGB Percent	55%, 50%, 80%
CMY	0.4549, 0.4980, 0.2000
CMYK	0.32, 0.37, 0.00, 0.20
HSL	249°, 43%, 65%
HSV	249°, 37%, 80%
XYZ	29.2657, 25.2869, 60.4651
YIQ	139.9530, -17.8400, 25.9680

Conversions

Conversions Part 2

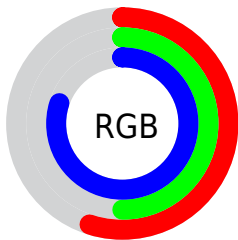
Format	Color
R _Y B	139, 128, 204
Decimal	9142476
CIE Lab	57.35, 21.45, -37.92
CIE LCh	57, 43.566, 299.498
Yxy	25.2869, 0.2544, 0.2199
Android (android.graphics.Color)	4287332556 (0xFF8B80CC)
YUV	139.9530, 31.5752, -0.8358
Hunter-Lab	50.2861, 15.8835, -36.0914

Details

The XYZ color **29.2657, 25.2869, 60.4651** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **47.4818, 56.0821, 28.7453**, and the grayscale version is **24.7960, 26.0873, 28.4091**.

A 20% lighter version of the original color is **56.8220, 51.7371, 101.5992**, and **12.0585, 9.7403, 29.6783** is the 20% darker color. If you saturate the color by 10%, you get **24.1832, 19.1063, 59.5405**, and if you desaturate by 10%, it is **35.3499, 32.7789, 61.5910**.

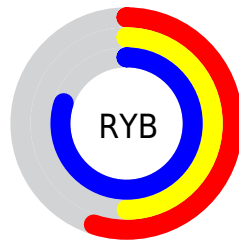
Distribution



Red (55%)

Green (50%)

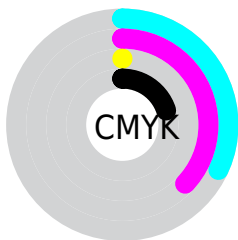
Blue (80%)



Red (55%)

Yellow (50%)

Blue (80%)

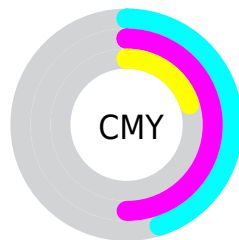


Cyan (32%)

Magenta (37%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (50%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2657, 25.2869, 60.4651 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 29.2657, 25.2869, 60.4651 by changing the saturation by 10% instead.

■ 29.2657, 25.2869,
60.4651

■ 29.2657, 25.2869,
60.4651

290.4382,
279.2637, 444.1621

■ 19.4272, 16.2909,
43.3659

■ 57.8936, 52.1223,
107.0540

■ 12.0852, 9.7303,
29.8388

■ 77.4137, 70.7305,
137.3808

■ 6.8743, 5.2205,
19.4652

■ 100.8918, 93.3115,
172.9539

■ 3.4293, 2.3772,
11.8267

128.6931,
120.2499, 214.1917

■ 1.3846, 0.8141,
6.5047

161.1830,
151.9299, 261.5130

■ 0.2452, 0.0000,
3.0806

198.7269,

■ 0.0000, 0.0000,

188.7359, 315.3361

1.1359

241.6902,
231.0524, 376.0796

■ 0.0000, 0.0000,
0.0000

■ 29.2657, 25.2869,
60.4651

■ 29.2657, 25.2869,
60.4651

■ 24.1832, 19.1063,
59.5405

■ 35.3499, 32.7789,
61.5910

■ 20.0453, 14.1584,
58.8035

■ 42.4831, 41.6491,
62.9271

■ 16.7935, 10.3605,
58.2418

■ 50.7130, 51.9632,
64.4842

■ 14.3614, 7.6183,
57.8407

■ 60.0834, 63.7819,
66.2716

■ 12.6728, 5.8224,
57.5831

■ 70.6358, 77.1622,
68.2981

■ 11.6302, 4.8268,
57.4459

■ 82.4095, 92.1585,
70.5721

■ 11.4209, 4.6286,
57.4186

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



23.9474, 25.2869, 66.9109



29.2657, 25.2869, 60.4651



33.6510, 25.2869, 44.6475

Triad

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



29.2657, 25.2869, 60.4651



29.4381, 25.2869, 9.5740



15.4058, 25.2869, 27.2844

Complementary

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



29.2657, 25.2869, 60.4651



47.4818, 56.0821, 28.7453

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.



16.4504, 25.2869, 15.4690



29.2657, 25.2869, 60.4651



24.1217, 25.2869, 7.7564

Square

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



29.2657, 25.2869, 60.4651



33.7601, 25.2869, 15.7651



19.4670, 25.2869, 9.4512



16.3828, 25.2869, 44.0537

Rectangle

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



29.2657, 25.2869, 60.4651



35.1862, 25.2869, 33.0519



19.4670, 25.2869, 9.4512



15.5296, 25.2869, 22.6656

Sweetspot

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



29.2666, 25.2879, 60.4657



78.4637, 79.1214, 105.7442



39.0639, 47.4737, 64.2316



16.3915, 16.4301, 22.5574



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.



29.2666, 25.2879, 60.4657



41.3420, 33.2033, 98.8377



36.5536, 29.0445, 60.8067



10.7504, 10.9206, 14.1117



7.2365, 2.9381, 36.1420



0.4232, 0.1773, 1.8669

Inverse Universe

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



42.2472, 32.1267, 54.4265



66.1447, 46.2853, 86.6375



39.1743, 51.7994, 28.3565



11.6150, 11.3747, 13.7733



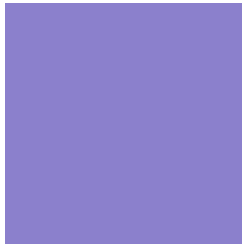
20.5379, 10.0257, 26.3487



1.0791, 0.5250, 1.4624

Previews

White Background



This preview shows how the XYZ color 29.2657, 25.2869, 60.4651 looks on a white background.

Color Contrast Check

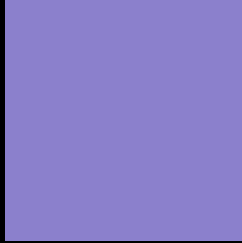
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2657, 25.2869, 60.4651 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 29.2657, 25.2869, 60.4651

Background



This preview shows how black text looks on a background with the XYZ color 29.2657, 25.2869, 60.4651.



This preview shows how white text looks on a background with the XYZ color 29.2657, 25.2869,

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

29.2657, 25.2869, 60.4651

Protanopia

26.8524, 25.3606, 64.4526

Deuteranopia

26.0367, 25.4706, 59.4211



Tritanopia

23.6397, 25.2564, 32.4832

Trichromacy



Original Color

29.2657, 25.2869, 60.4651

Protanomaly

27.5216, 25.1215, 63.0729

Deuteranomaly

27.1897, 25.4269, 59.9747

Tritanomaly

25.4354, 25.1358, 41.5413

Monochromacy



Original Color

29.2657, 25.2869, 60.4651

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.2302, 25.8281, 38.2532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2657, 25.2869, 60.4651 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(139, 128, 204)` looks like.

```
.text, #text, p{  
    color:rgb(139, 128, 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(139, 128, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 128, 204) }
```

Border

The CSS property to change the border of an element to XYZ 29.2657, 25.2869, 60.4651 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(139, 128, 204) }
```


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

```
.border{ border-color:rgb(139, 128, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 128, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 128, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 128, 204);  
box-shadow:4px 4px 4px 4px rgb(139, 128,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2657, 25.2869, 60.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 128, 204) }
```

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

```
.background{ background-color: rgb(139,  
128, 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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