

Converting Colors

XYZ(29.8909, 26.8027, 89.1860)

Have a look what the booklet for
XYZ(29.8909, 26.8027, 89.1860)
contains.

XYZ(29.8909, 26.8027, 89.1860)	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(29.8909, 26.8027,
89.1860)**

Conversions

Conversions Part 1

Format	Color
Hex	5E89F4
RGB	94, 137, 244
RGB Percent	37%, 54%, 96%
CMY	0.6313, 0.4627, 0.0431
CMYK	0.61, 0.44, 0.00, 0.04
HSL	223°, 87%, 66%
HSV	223°, 61%, 96%
XYZ	29.8909, 26.8027, 89.1860
YIQ	136.3410, -59.9750, 24.1610

Conversions

Conversions Part 2

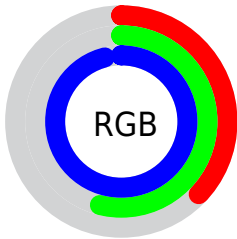
Format	Color
R _Y B	94, 127, 244
Decimal	6195700
CIE Lab	58.79, 17.64, -58.18
CIE LCh	59, 60.795, 286.870
Yxy	26.8027, 0.2049, 0.1837
Android (android.graphics.Color)	4284385780 (0xFF5E89F4)
YUV	136.3410, 53.0759, -37.1331
Hunter-Lab	51.7713, 12.4597, -65.8984

Details

The XYZ color **29.8909, 26.8027, 89.1860** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **60.2175, 61.8181, 19.3498**, and the grayscale version is **23.3540, 24.5703, 26.7570**.

A 20% lighter version of the original color is **50.1738, 51.1148, 101.8295**, and **12.4594, 10.5673, 48.3967** is the 20% darker color. If you saturate the color by 10%, you get **25.4948, 21.1551, 88.3282**, and if you desaturate by 10%, it is **35.4790, 33.6579, 90.2152**.

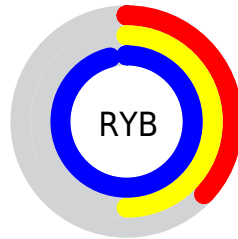
Distribution



Red (37%)

Green (54%)

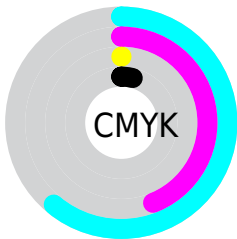
Blue (96%)



Red (37%)

Yellow (50%)

Blue (96%)

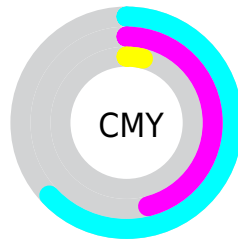


Cyan (61%)

Magenta (44%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (46%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8909, 26.8027, 89.1860 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 29.8909, 26.8027, 89.1860 by changing the saturation by 10% instead.

■ 29.8909, 26.8027,
89.1860

■ 29.8909, 26.8027,
89.1860

293.3145,
286.7006, 545.8810

■ 19.9035, 17.4251,
66.7358

■ 58.8774, 54.5671,
148.1328

■ 12.4327, 10.5380,
48.4097

■ 78.6072, 73.7227,
185.4665

■ 7.1134, 5.7571,
33.7892

■ 102.3151, 96.9064,
228.5985

■ 3.5801, 2.6980,
22.4556

■ 130.3666,
124.5026, 277.9472

■ 1.4674, 0.9762,
13.9906

163.1269,
156.8958, 333.9313

■ 0.3035, 0.0000,
7.9754

200.9614,

■ 0.0000, 0.0000,

194.4702, 396.9693

3.9917

244.2355,
237.6103, 467.4797

■ 0.0000, 0.0000,
1.6208

■ 0.0000, 0.0000,
0.3056

■ 29.8909, 26.8027,
89.1860

■ 29.8909, 26.8027,
89.1860

■ 25.4948, 21.1551,
88.3282

■ 35.4790, 33.6579,
90.2152

■ 22.1906, 16.6343,
87.6297

■ 42.3408, 41.7884,
91.4229

■ 19.8659, 13.1520,
87.0801

■ 50.5545, 51.2597,
92.8182

■ 18.5157, 10.9045,
86.7175

■ 60.1907, 62.1317,
94.4088

■ 71.3148, 74.4604,
96.2022

■ 83.9884, 88.2988,
98.2053

■ 93.3293, 99.3117,
99.8387

Harmonies

Analogous

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



22.3395, 26.8027, 90.6626



29.8909, 26.8027, 89.1860



37.5078, 26.8027, 67.4754

Triad

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



29.8909, 26.8027, 89.1860



36.6534, 26.8027, 8.2356



13.8592, 26.8027, 20.7756

Complementary

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



29.8909, 26.8027, 89.1860



60.2175, 61.8181, 19.3498

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.



16.3379, 26.8027, 9.0828



29.8909, 26.8027, 89.1860



28.8914, 26.8027, 4.6174

Square

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



29.8909, 26.8027, 89.1860



41.9065, 26.8027, 18.7690



21.5172, 26.8027, 4.8244



14.0221, 26.8027, 42.8761

Rectangle

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



29.8909, 26.8027, 89.1860



41.1609, 26.8027, 48.5860



21.5172, 26.8027, 4.8244



14.3867, 26.8027, 15.7868

Sweetspot

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



29.8920, 26.8036, 89.1867



70.5623, 73.1689, 105.0117



47.2770, 71.2056, 65.2869



14.3673, 14.8413, 22.3574



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.



29.8920, 26.8036, 89.1867



27.0803, 21.9153, 97.4105



28.6458, 18.8241, 87.7122



15.9680, 16.7003, 20.9244



10.1684, 6.1305, 47.1854



0.9779, 0.7072, 4.1752

Inverse Universe

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



45.8274, 29.0462, 26.8586



46.6196, 26.5571, 20.5621



62.1038, 79.8066, 22.7225



16.6944, 16.5606, 18.1374



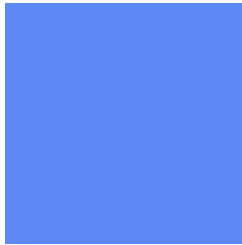
20.9370, 10.7182, 4.3768



1.8827, 0.9590, 0.6085

Previews

White Background



This preview shows how the XYZ color 29.8909, 26.8027, 89.1860 looks on a white background.

Color Contrast Check

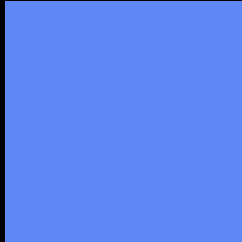
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8909, 26.8027, 89.1860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

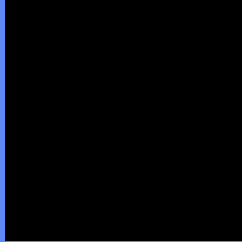
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

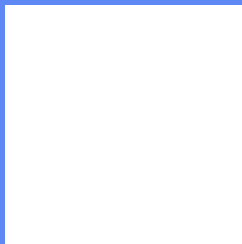
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8909, 26.8027, 89.1860

Background



This preview shows how black text looks on a background with the XYZ color 29.8909, 26.8027, 89.1860.



This preview shows how white text looks on a background with the XYZ color 29.8909, 26.8027,

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

29.8909, 26.8027, 89.1860

Protanopia

29.7890, 26.7501, 89.1812

Deuteranopia

27.7751, 26.8092, 88.5048



Tritanopia

20.1615, 26.7420, 40.6583

Trichromacy



Original Color

29.8909, 26.8027, 89.1860

Protanomaly

29.7890, 26.7501, 89.1812

Deuteranomaly

28.3034, 26.6437, 88.4450

Tritanomaly

22.9660, 26.4220, 55.5193

Monochromacy



Original Color

29.8909, 26.8027, 89.1860

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4272, 24.7684, 44.0508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8909, 26.8027, 89.1860 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(94, 137, 244)` looks like.

```
.text, #text, p{  
    color:rgb(94, 137, 244)  
}
```

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(94, 137, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 137, 244) }
```

Border

The CSS property to change the border of an element to XYZ 29.8909, 26.8027, 89.1860 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(94, 137, 244) }
```


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

```
.border{ border-color:rgb(94, 137, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 137, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 137, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 137, 244);  
box-shadow:4px 4px 4px 4px rgb(94, 137,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8909, 26.8027, 89.1860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 137, 244) }
```

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

```
.background{ background-color: rgb(94, 137,  
244) }
```

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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