

Converting Colors

XYZ(28.9060, 25.6353, 90.6134)

Have a look what the booklet for
XYZ(28.9060, 25.6353, 90.6134)
contains.

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Color

**XYZ(28.9060, 25.6353,
90.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	5586F6
RGB	85, 134, 246
RGB Percent	33%, 53%, 96%
CMY	0.6666, 0.4745, 0.0353
CMYK	0.65, 0.46, 0.00, 0.04
HSL	222°, 90%, 65%
HSV	222°, 65%, 96%
XYZ	28.9060, 25.6353, 90.6134
YIQ	132.1170, -65.1560, 24.4440

Conversions

Conversions Part 2

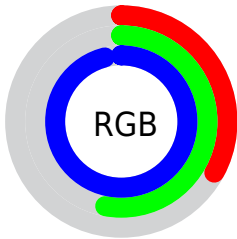
Format	Color
R _{YB}	85, 123, 246
Decimal	5605110
CIE Lab	57.69, 18.62, -61.07
CIE LCh	58, 63.847, 286.953
Yxy	25.6353, 0.1991, 0.1766
Android (android.graphics.Color)	4283795190 (0xFF5586F6)
YUV	132.1170, 56.1443, -41.3216
Hunter-Lab	50.6313, 13.3029, -70.6677

Details

The XYZ color **28.9060, 25.6353, 90.6134** 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 **59.6149, 60.1859, 17.0714**, and the grayscale version is **21.7964, 22.9315, 24.9724**.

A 20% lighter version of the original color is **48.2147, 49.1502, 101.5535**, and **12.4338, 10.1711, 49.4520** is the 20% darker color. If you saturate the color by 10%, you get **24.8711, 20.3236, 89.8014**, and if you desaturate by 10%, it is **34.1018, 32.1142, 91.5907**.

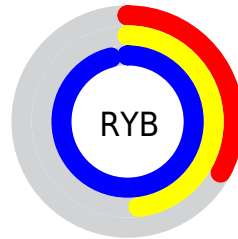
Distribution



Red (33%)

Green (53%)

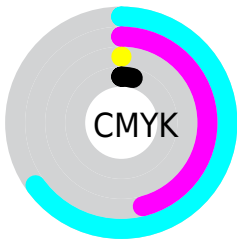
Blue (96%)



Red (33%)

Yellow (48%)

Blue (96%)

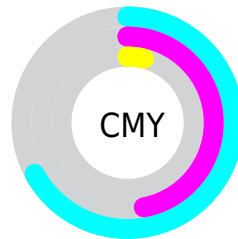


Cyan (65%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (67%)

Magenta (47%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9060, 25.6353, 90.6134 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 28.9060, 25.6353, 90.6134 by changing the saturation by 10% instead.

■ 28.9060, 25.6353,
90.6134

■ 28.9060, 25.6353,
90.6134

288.7734,
280.9872, 550.6457

■ 19.1536, 16.5510,
67.9129

■ 57.3263, 52.6860,
150.1331

■ 11.8860, 9.9149,
49.3607

■ 76.7250, 71.4212,
187.7894

■ 6.7378, 5.3426,
34.5380

■ 100.0698, 94.1422,
231.2681

■ 3.3435, 2.4496,
23.0265

■ 127.7261,
121.2333, 280.9876

■ 1.3379, 0.8512,
14.4076

160.0592,
153.0789, 337.3666

■ 0.2113, 0.0000,
8.2627

197.4346,

■ 0.0000, 0.0000,

190.0636, 400.8236

4.1734

240.2175,
232.5715, 471.7771

■ 0.0000, 0.0000,
1.7209

■ 0.0000, 0.0000,
0.3750

■ 28.9060, 25.6353,
90.6134

■ 28.9060, 25.6353,
90.6134

■ 24.8711, 20.3236,
89.8014

■ 34.1018, 32.1142,
91.5907

■ 21.8910, 16.0964,
89.1425

■ 40.5447, 39.8294,
92.7403

■ 19.8427, 12.8609,
88.6260

■ 48.3159, 48.8470,
94.0713

■ 19.1413, 11.6671,
88.4325

■ 57.4888, 59.2274,
95.5914

■ 68.1308, 71.0268,
97.3081

■ 80.3050, 84.2982,
99.2280

■ 93.2528, 98.6701,
101.3197

■ 93.6347, 99.4339,
101.4470

Harmonies

Analogous

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



21.1968, 25.6353, 92.2507



28.9060, 25.6353, 90.6134



36.7580, 25.6353, 67.6163

Triad

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



28.9060, 25.6353, 90.6134



35.8343, 25.6353, 7.0714



12.6716, 25.6353, 19.4498

Complementary

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



28.9060, 25.6353, 90.6134



59.6149, 60.1859, 17.0714

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.



15.1279, 25.6353, 7.9149



28.9060, 25.6353, 90.6134



27.8354, 25.6353, 3.7123

Square

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



28.9060, 25.6353, 90.6134



41.2960, 25.6353, 17.3525



20.3274, 25.6353, 3.9091



12.8400, 25.6353, 42.0684

Rectangle

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



28.9060, 25.6353, 90.6134



40.5412, 25.6353, 47.8399



20.3274, 25.6353, 3.9091



13.1917, 25.6353, 14.4670

Sweetspot

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



28.9071, 25.6361, 90.6141



68.4192, 70.9920, 104.7045



46.5558, 71.7848, 63.0439



13.9585, 14.4331, 22.3001



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.



28.9071, 25.6361, 90.6141



25.6613, 20.2199, 97.1581



26.8919, 16.7651, 89.0080



15.9924, 16.7490, 20.9326



10.3246, 6.4430, 47.2375



0.9942, 0.7398, 4.1806

Inverse Universe

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



45.5587, 27.8128, 25.5218



45.6244, 25.0911, 18.6138



63.0587, 81.2411, 20.9539



16.7067, 16.5655, 18.2021



21.0159, 10.7498, 4.7922



1.8909, 0.9623, 0.6518

Previews

White Background



This preview shows how the XYZ color 28.9060, 25.6353, 90.6134 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 28.9060, 25.6353, 90.6134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

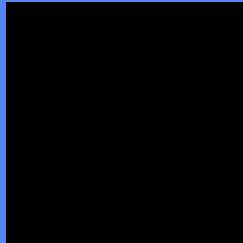
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

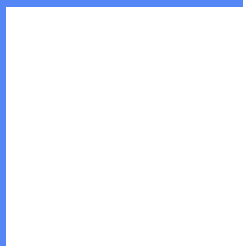
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9060, 25.6353, 90.6134

Background



This preview shows how black text looks on a background with the XYZ color 28.9060, 25.6353, 90.6134.



This preview shows how white text looks on a background with the XYZ color 28.9060, 25.6353,

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

28.9060, 25.6353, 90.6134

Protanopia

28.9060, 25.6353, 90.6134

Deuteranopia

26.6962, 25.7801, 89.9552



Tritanopia

18.6154, 25.4802, 39.5343

Trichromacy



Original Color

28.9060, 25.6353, 90.6134

Protanomaly

28.9060, 25.6353, 90.6134

Deuteranomaly

27.2008, 25.6103, 89.8958

Tritanomaly

21.2282, 24.8496, 54.7166

Monochromacy



Original Color

28.9060, 25.6353, 90.6134

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.0006, 23.4370, 42.8467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9060, 25.6353, 90.6134 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(85, 134, 246)` looks like.

```
.text, #text, p{  
    color:rgb(85, 134, 246)  
}
```

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(85, 134, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 134, 246) }
```

Border

The CSS property to change the border of an element to XYZ 28.9060, 25.6353, 90.6134 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(85, 134, 246) }
```


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

```
.border{ border-color:rgb(85, 134, 246) }
```

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

Here you see how a box with a 4 pixel rgb(85, 134, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 134, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 134, 246);  
box-shadow:4px 4px 4px 4px rgb(85, 134,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9060, 25.6353, 90.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 134, 246) }
```

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

```
.background{ background-color: rgb(85, 134,  
246) }
```

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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