

Converting Colors

XYZ(28.6946, 26.9316, 89.9126)

Have a look what the booklet for
XYZ(28.6946, 26.9316, 89.9126)
contains.

XYZ(28.8303, 27.0982, 90.0971)	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(28.8303, 27.0982,
90.0971)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8DF5
RGB	74, 141, 245
RGB Percent	29%, 55%, 96%
CMY	0.7098, 0.4471, 0.0392
CMYK	0.70, 0.42, 0.00, 0.04
HSL	216°, 90%, 63%
HSV	216°, 70%, 96%
XYZ	28.8303, 27.0982, 90.0971
YIQ	132.8230, -73.3160, 18.1400

Conversions

Conversions Part 2

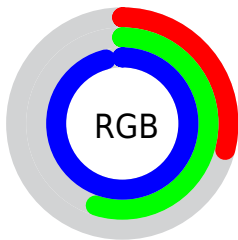
Format	Color
R _Y B	74, 122, 245
Decimal	4886005
CIE Lab	59.07, 12.39, -58.34
CIE LCh	59, 59.644, 281.992
Yxy	27.0982, 0.1974, 0.1856
Android (android.graphics.Color)	4283076085 (0xFF4A8DF5)
YUV	132.8230, 55.3033, -51.5878
Hunter-Lab	52.0559, 7.7613, -66.1785

Details

The XYZ color **28.8303, 27.0982, 90.0971** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **54.8151, 51.7517, 13.5804**, and the grayscale version is **22.0560, 23.2047, 25.2699**.

A 20% lighter version of the original color is **48.1570, 51.3790, 101.9867**, and **12.9042, 11.2851, 49.0751** is the 20% darker color. If you saturate the color by 10%, you get **25.2466, 22.2057, 89.3422**, and if you desaturate by 10%, it is **33.4459, 32.9621, 90.9863**.

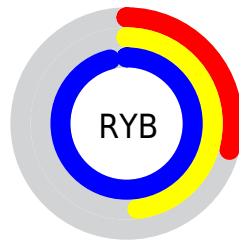
Distribution



Red (29%)

Green (55%)

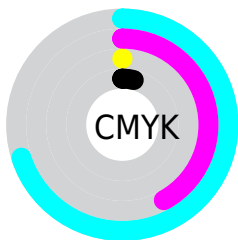
Blue (96%)



Red (29%)

Yellow (48%)

Blue (96%)

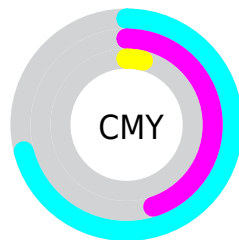


Cyan (70%)

Magenta (42%)

Yellow (0%)

Black (4%)



Cyan (71%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8303, 27.0982, 90.0971 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 28.8303, 27.0982, 90.0971 by changing the saturation by 10% instead.

■ 28.8303, 27.0982,
90.0971

■ 28.8303, 27.0982,
90.0971

288.4221,
288.1323, 548.9249

■ 19.0961, 17.6470,
67.4870

■ 57.2068, 55.0414,
149.4100

■ 11.8442, 10.6968,
49.0164

■ 76.5798, 74.3022,
186.9498

■ 6.7091, 5.8634,
34.2668

■ 99.8965, 97.6016,
230.3033

■ 3.3256, 2.7622,
22.8196

■ 127.5221,
125.3241, 279.8891

■ 1.3282, 1.0089,
14.2563

159.8222,
157.8540, 336.1256

■ 0.2042, 0.0000,
8.1584

197.1620,

■ 0.0000, 0.0000,

195.5757, 399.4313

4.1072

239.9068,
238.8737, 470.2249

■ 0.0000, 0.0000,
1.6844

■ 0.0000, 0.0000,
0.3500

■ 28.8303, 27.0982,
90.0971

■ 28.8303, 27.0982,
90.0971

■ 25.2466, 22.2057,
89.3422

■ 33.4459, 32.9621,
90.9863

■ 22.5888, 18.2117,
88.7114

■ 39.1773, 39.8562,
92.0149

■ 20.6980, 15.0160,
88.1942

■ 46.1028, 47.8368,
93.1903

■ 20.6632, 14.9560,
88.1845

■ 54.2922, 56.9546,
94.5186

■ 63.8095, 67.2570,
96.0055

■ 74.7144, 78.7882,
97.6565

■ 87.0626, 91.5901,
99.4767

■ 93.4815, 99.3726,
100.6406

Harmonies

Analogous

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



21.5989, 27.0982, 87.7851



28.8303, 27.0982, 90.0971



36.5088, 27.0982, 71.3935

Triad

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



28.8303, 27.0982, 90.0971



37.8588, 27.0982, 9.7638



14.4462, 27.0982, 18.6059

Complementary

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



28.8303, 27.0982, 90.0971



54.8151, 51.7517, 13.5804

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.



17.3537, 27.0982, 8.3860



28.8303, 27.0982, 90.0971



30.4150, 27.0982, 5.2298

Square

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



28.8303, 27.0982, 90.0971



42.3518, 27.0982, 21.8153



22.9085, 27.0982, 4.8879



14.1847, 27.0982, 38.8185

Rectangle

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



28.8303, 27.0982, 90.0971



40.4889, 27.0982, 53.1054



22.9085, 27.0982, 4.8879



15.1163, 27.0982, 14.1961

Sweetspot

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



28.8314, 27.0990, 90.0978



68.4942, 72.1712, 104.9282



43.3739, 69.9201, 52.5984



14.0224, 14.7609, 22.3600



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.



28.8314, 27.0990, 90.0978



26.2547, 22.2838, 97.5252



23.2561, 13.7212, 87.8095



16.1137, 16.9917, 20.9730



11.2569, 8.3075, 47.5482



1.0863, 0.9241, 4.2113

Inverse Universe

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



44.9137, 26.2346, 27.8964



45.7098, 24.3056, 21.5907



65.8527, 82.2777, 18.8907



16.7680, 16.5900, 18.5246



21.4865, 10.9380, 7.2701



1.9374, 0.9809, 0.8967

Previews

White Background



This preview shows how the XYZ color 28.8303, 27.0982, 90.0971 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 28.8303, 27.0982, 90.0971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

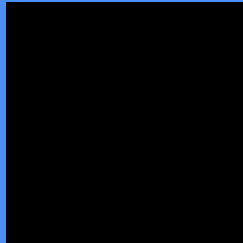
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

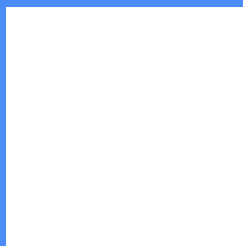
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8303, 27.0982, 90.0971

Background



This preview shows how black text looks on a background with the XYZ color 28.8303, 27.0982, 90.0971.



This preview shows how white text looks on a background with the XYZ color 28.8303, 27.0982,

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

28.8303, 27.0982, 90.0971

Protanopia

29.9394, 27.0746, 87.6523

Deuteranopia

28.1674, 27.1982, 90.1514



Tritanopia

19.2184, 26.9785, 41.7306

Trichromacy



Original Color

28.8303, 27.0982, 90.0971

Protanomaly

29.4348, 27.0110, 88.4563

Deuteranomaly

28.3344, 27.0624, 90.1164

Tritanomaly

21.5966, 26.3974, 56.7803

Monochromacy



Original Color

28.8303, 27.0982, 90.0971

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.1262, 24.1091, 43.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8303, 27.0982, 90.0971 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(74, 141, 245)` looks like.

```
.text, #text, p{  
    color:rgb(74, 141, 245)  
}
```

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(74, 141, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 141, 245) }
```

Border

The CSS property to change the border of an element to XYZ 28.8303, 27.0982, 90.0971 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(74, 141, 245) }
```


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

```
.border{ border-color:rgb(74, 141, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 141, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 141, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 141, 245);  
box-shadow:4px 4px 4px 4px rgb(74, 141,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8303, 27.0982, 90.0971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 141, 245) }
```

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

```
.background{ background-color: rgb(74, 141,  
245) }
```

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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