

Converting Colors

XYZ(28.2349, 26.6113, 78.5113)

Have a look what the booklet for
XYZ(28.2349, 26.6113, 78.5113)
contains.

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Color

**XYZ(28.2349, 26.6113,
78.5113)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8BE6
RGB	95, 139, 230
RGB Percent	37%, 55%, 90%
CMY	0.6274, 0.4549, 0.0980
CMYK	0.59, 0.40, 0.00, 0.10
HSL	220°, 73%, 64%
HSV	220°, 59%, 90%
XYZ	28.2349, 26.6113, 78.5113
YIQ	136.2180, -55.4350, 18.9730

Conversions

Conversions Part 2

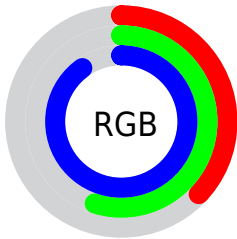
Format	Color
R_{YB}	95, 128, 230
Decimal	6261734
CIE _{Lab}	58.61, 12.01, -50.70
CIE _{LCh}	59, 52.105, 283.330
Yxy	26.6113, 0.2117, 0.1995
Android (android.graphics.Color)	4284451814 (0xFF5F8BE6)
YUV	136.2180, 46.2345, -36.1482
Hunter-Lab	51.5861, 7.4235, -54.1259

Details

The XYZ color **28.2349, 26.6113, 78.5113** 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 **52.2596, 52.7701, 18.2595**, and the grayscale version is **23.3316, 24.5466, 26.7313**.

A 20% lighter version of the original color is **50.4172, 51.8878, 101.9658**, and **11.5647, 10.5068, 41.4629** is the 20% darker color. If you saturate the color by 10%, you get **24.1009, 21.3808, 77.7202**, and if you desaturate by 10%, it is **33.3945, 32.8439, 79.4429**.

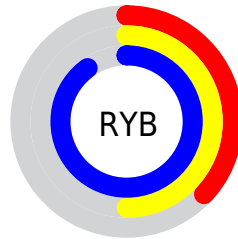
Distribution



Red (37%)

Green (55%)

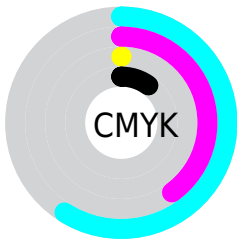
Blue (90%)



Red (37%)

Yellow (50%)

Blue (90%)

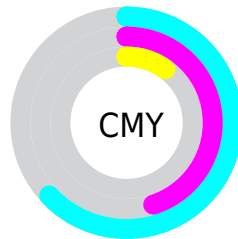


Cyan (59%)

Magenta (40%)

Yellow (0%)

Black (10%)



Cyan (63%)

Magenta (45%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2349, 26.6113, 78.5113 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 28.2349, 26.6113, 78.5113 by changing the saturation by 10% instead.

■ 28.2349, 26.6113,
78.5113

■ 28.2349, 26.6113,
78.5113

285.6474,
285.7701, 509.4754

■ 18.6442, 17.2815,
57.9752

■ 56.2653, 54.2595,
133.0631

■ 11.5159, 10.4354,
41.3741

■ 75.4356, 73.3467,
167.9158

■ 6.4848, 5.6886,
28.2896

■ 98.5299, 96.4552,
208.3777

■ 3.1855, 2.6567,
18.3031

■ 125.9134,
123.9693, 254.8675

■ 1.2526, 0.9552,
10.9962

157.9516,
156.2734, 307.8036

■ 0.1473, 0.0000,
5.9501

195.0098,

■ 0.0000, 0.0000,

193.7520, 367.6046

2.7465

237.4532,
236.7895, 434.6890

■ 0.0000, 0.0000,
0.9667

■ 0.0000, 0.0000,
0.0000

■ 28.2349, 26.6113,
78.5113

■ 28.2349, 26.6113,
78.5113

■ 24.1009, 21.3808,
77.7202

■ 33.3945, 32.8439,
79.4429

■ 20.9118, 17.0900,
77.0600

■ 39.6455, 40.1299,
80.5198

■ 18.5788, 13.6721,
76.5233

■ 47.0513, 48.5202,
81.7490

■ 16.9734, 11.0381,
76.0995

■ 55.6695, 58.0612,
83.1363

■ 16.7962, 10.7395,
76.0512

■ 65.5538, 68.7964,
84.6875

■ 76.7543, 80.7671,
86.4077

■ 88.9468, 93.8208,
88.2847

■ 91.2830, 98.4932,
89.0635

Harmonies

Analogous

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



21.9281, 26.6113, 77.4836



28.2349, 26.6113, 78.5113



34.7018, 26.6113, 62.8728

Triad

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



28.2349, 26.6113, 78.5113



35.3311, 26.6113, 10.9081



15.2495, 26.6113, 20.0035

Complementary

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



28.2349, 26.6113, 78.5113



52.2596, 52.7701, 18.2595

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.



17.7604, 26.6113, 10.1690



28.2349, 26.6113, 78.5113



28.9862, 26.6113, 6.6412

Square

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



28.2349, 26.6113, 78.5113



39.2407, 26.6113, 21.5920



22.5633, 26.6113, 6.4443



15.1176, 26.6113, 37.8745

Rectangle

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



28.2349, 26.6113, 78.5113



37.9462, 26.6113, 47.8255



22.5633, 26.6113, 6.4443



15.8212, 26.6113, 15.8710

Sweetspot

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



28.2360, 26.6122, 78.5120



71.0442, 74.1328, 105.1724



41.7744, 62.5303, 55.7684



14.4835, 15.0738, 22.3961



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.



28.2360, 26.6122, 78.5120



29.6888, 26.0139, 98.0642



25.7802, 17.7160, 76.9243



13.9645, 14.6504, 18.2361



9.6080, 6.2780, 43.0886



0.7922, 0.6283, 3.2115

Inverse Universe

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



41.3866, 26.8730, 27.4324



48.2092, 28.2381, 25.7107



56.2355, 70.7582, 21.5220



14.5697, 14.4451, 15.9342



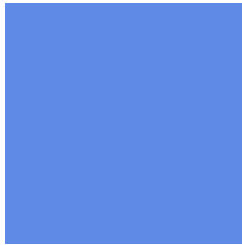
19.2432, 9.8315, 4.9095



1.4635, 0.7431, 0.5812

Previews

White Background



This preview shows how the XYZ color 28.2349, 26.6113, 78.5113 looks on a white background.

Color Contrast Check

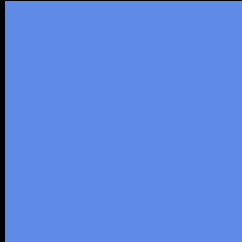
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2349, 26.6113, 78.5113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

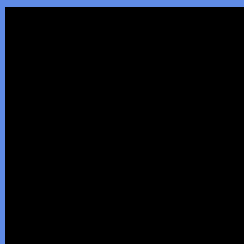
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

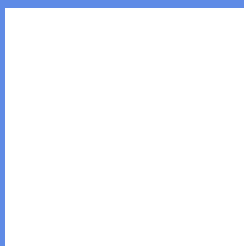
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2349, 26.6113, 78.5113

Background



This preview shows how black text looks on a background with the XYZ color 28.2349, 26.6113, 78.5113.



This preview shows how white text looks on a background with the XYZ color 28.2349, 26.6113,

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

28.2349, 26.6113, 78.5113

Protanopia

28.6582, 26.4358, 76.9910

Deuteranopia

27.5541, 26.6942, 78.5632



Tritanopia

20.4975, 26.6924, 39.6691

Trichromacy



Original Color

28.2349, 26.6113, 78.5113

Protanomaly

28.5982, 26.6008, 77.7559

Deuteranomaly

27.7808, 26.5932, 78.5317

Tritanomaly

22.8358, 26.4317, 52.0424

Monochromacy



Original Color

28.2349, 26.6113, 78.5113

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0865, 24.8585, 41.5589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2349, 26.6113, 78.5113 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(95, 139, 230)` looks like.

```
.text, #text, p{  
    color:rgb(95, 139, 230)  
}
```

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(95, 139, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 139, 230) }
```

Border

The CSS property to change the border of an element to XYZ 28.2349, 26.6113, 78.5113 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(95, 139, 230) }
```


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

```
.border{ border-color:rgb(95, 139, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 139, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 139, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 139, 230);  
box-shadow:4px 4px 4px 4px rgb(95, 139,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2349, 26.6113, 78.5113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 139, 230) }
```

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

```
.background{ background-color: rgb(95, 139,  
230) }
```

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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