

Converting Colors

XYZ(30.0218, 28.6215, 89.5301)

Have a look what the booklet for
XYZ(30.0218, 28.6215, 89.5301)
contains.

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Color

**XYZ(30.0218, 28.6215,
89.5301)**

Conversions

Conversions Part 1

Format	Color
Hex	5391F4
RGB	83, 145, 244
RGB Percent	33%, 57%, 96%
CMY	0.6745, 0.4314, 0.0431
CMYK	0.66, 0.41, 0.00, 0.04
HSL	217°, 88%, 64%
HSV	217°, 66%, 96%
XYZ	30.0218, 28.6215, 89.5301
YIQ	137.7480, -68.7310, 17.6450

Conversions

Conversions Part 2

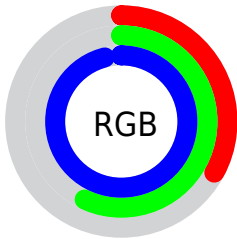
Format	Color
R_{YB}	83, 128, 244
Decimal	5476852
CIE _{Lab}	60.45, 11.01, -55.57
CIE _{LCh}	60, 56.646, 281.203
Yxy	28.6215, 0.2026, 0.1932
Android (android.graphics.Color)	4283666932 (0xFF5391F4)
YUV	137.7480, 52.3822, -48.0140
Hunter-Lab	53.4991, 6.5446, -61.7718

Details

The XYZ color **30.0218, 28.6215, 89.5301** 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 **55.5998, 53.3171, 15.5462**, and the grayscale version is **23.8887, 25.1328, 27.3696**.

A 20% lighter version of the original color is **50.2767, 53.8112, 102.3445**, and **13.0618, 11.7723, 48.5976** is the 20% darker color. If you saturate the color by 10%, you get **26.0921, 23.4141, 88.7327**, and if you desaturate by 10%, it is **35.0138, 34.8266, 90.4653**.

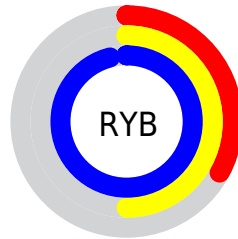
Distribution



Red (33%)

Green (57%)

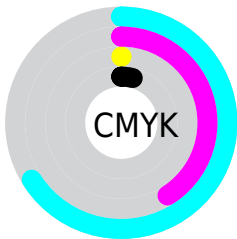
Blue (96%)



Red (33%)

Yellow (50%)

Blue (96%)

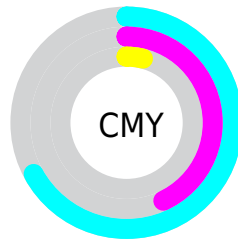


Cyan (66%)

Magenta (41%)

Yellow (0%)

Black (4%)



Cyan (67%)

Magenta (43%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0218, 28.6215, 89.5301 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 30.0218, 28.6215, 89.5301 by changing the saturation by 10% instead.

■ 30.0218, 28.6215,
89.5301

■ 30.0218, 28.6215,
89.5301

293.9141,
295.4249, 547.0317

■ 20.0033, 18.7947,
67.0195

■ 59.0830, 57.4752,
148.6153

■ 12.5057, 11.5220,
48.6387

■ 78.8565, 77.2708,
186.0270

■ 7.1637, 6.4191,
33.9694

■ 102.6123,
101.1582, 229.2427

■ 3.6119, 3.1016,
22.5929

■ 130.7158,
129.5217, 278.6811

■ 1.4850, 1.1850,
14.0908

163.5324,
162.7457, 334.7607

■ 0.3156, 0.0494,
8.0443

201.4274,

■ 0.0000, 0.0000,

201.2147, 397.8999

4.0352

244.7661,
245.3129, 468.5174

■ 0.0000, 0.0000,
1.6447

■ 0.0000, 0.0000,
0.3224

■ 30.0218, 28.6215,
89.5301

■ 30.0218, 28.6215,
89.5301

■ 26.0921, 23.4141,
88.7327

■ 35.0138, 34.8266,
90.4653

■ 23.1258, 19.1352,
88.0631

■ 41.1472, 42.0859,
91.5432

■ 21.0081, 15.7071,
87.5131

■ 48.4967, 50.4539,
92.7711

■ 20.3281, 14.5294,
87.3216

■ 57.1297, 59.9801,
94.1548

67.1081, 70.7110,
95.7002

78.4895, 82.6899,
97.4124

91.3283, 95.9580,
99.2968

93.3292, 99.3117,
99.8386

Harmonies

Analogous

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



22.9291, 28.6215, 86.7756



30.0218, 28.6215, 89.5301



37.5318, 28.6215, 72.2233

Triad

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



30.0218, 28.6215, 89.5301



39.1837, 28.6215, 11.4820



15.9665, 28.6215, 19.9275

Complementary

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



30.0218, 28.6215, 89.5301



55.5998, 53.3171, 15.5462

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.



18.9691, 28.6215, 9.6548



30.0218, 28.6215, 89.5301



31.9794, 28.6215, 6.5034

Square

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



30.0218, 28.6215, 89.5301



43.4176, 28.6215, 23.9910



24.5680, 28.6215, 6.0308



15.6318, 28.6215, 39.6406

Rectangle

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



30.0218, 28.6215, 89.5301



41.4439, 28.6215, 54.8023



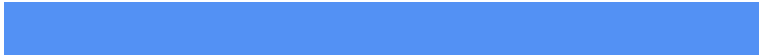
24.5680, 28.6215, 6.0308



16.6683, 28.6215, 15.5394

Sweetspot

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



30.0230, 28.6224, 89.5308



69.5104, 73.1745, 105.0682



44.1169, 69.8204, 54.1203



14.2174, 14.9511, 22.3865



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.



30.0230, 28.6224, 89.5308



27.6800, 24.2572, 97.8310



24.5806, 15.3783, 87.2613



16.1043, 16.9729, 20.9699



11.1756, 8.1451, 47.5212



1.0786, 0.9086, 4.2088

Inverse Universe

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



45.5134, 27.4655, 29.6913



46.6433, 25.4986, 23.9794



65.8763, 81.8044, 20.5032



16.7632, 16.5881, 18.4997



21.4455, 10.9216, 7.0541



1.9335, 0.9794, 0.8761

Previews

White Background



This preview shows how the XYZ color 30.0218, 28.6215, 89.5301 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 30.0218, 28.6215, 89.5301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

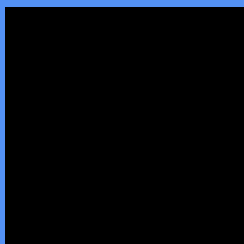
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

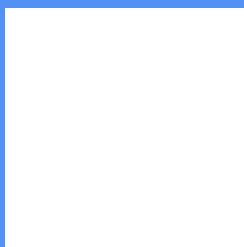
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0218, 28.6215, 89.5301

Background



This preview shows how black text looks on a background with the XYZ color 30.0218, 28.6215, 89.5301.



This preview shows how white text looks on a background with the XYZ color 30.0218, 28.6215,

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

30.0218, 28.6215, 89.5301

Protanopia

31.2591, 28.6399, 87.0996

Deuteranopia

29.5885, 28.6259, 89.5538



Tritanopia

20.8766, 28.5521, 43.9459

Trichromacy



Original Color

30.0218, 28.6215, 89.5301

Protanomaly

30.6733, 28.5425, 87.8970

Deuteranomaly

29.8325, 28.7517, 89.5652

Tritanomaly

23.5515, 28.3505, 58.2637

Monochromacy



Original Color

30.0218, 28.6215, 89.5301

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9319, 26.0756, 45.3140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0218, 28.6215, 89.5301 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(83, 145, 244)` looks like.

```
.text, #text, p{  
    color:rgb(83, 145, 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(83, 145, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 145, 244) }
```

Border

The CSS property to change the border of an element to XYZ 30.0218, 28.6215, 89.5301 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(83, 145, 244) }
```


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

```
.border{ border-color:rgb(83, 145, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 145, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 145, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 145, 244);  
box-shadow:4px 4px 4px 4px rgb(83, 145,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0218, 28.6215, 89.5301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 145, 244) }
```

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

```
.background{ background-color: rgb(83, 145,  
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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