

Converting Colors

XYZ(29.5885, 28.6259, 89.5538)

Have a look what the booklet for
XYZ(29.5885, 28.6259, 89.5538)
contains.

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Color

**XYZ(29.5885, 28.6259,
89.5538)**

Conversions

Conversions Part 1

Format	Color
Hex	4C92F4
RGB	76, 146, 244
RGB Percent	30%, 57%, 96%
CMY	0.7019, 0.4274, 0.0431
CMYK	0.69, 0.40, 0.00, 0.04
HSL	215°, 88%, 63%
HSV	215°, 69%, 96%
XYZ	29.5885, 28.6259, 89.5538
YIQ	136.2420, -73.1780, 15.6380

Conversions

Conversions Part 2

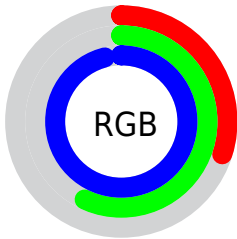
Format	Color
R _Y B	76, 125, 244
Decimal	5018356
CIE Lab	60.45, 9.34, -55.58
CIE LCh	60, 56.356, 279.543
Yxy	28.6259, 0.2002, 0.1937
Android (android.graphics.Color)	4283208436 (0xFF4C92F4)
YUV	136.2420, 53.1247, -52.8322
Hunter-Lab	53.5032, 5.0841, -61.7876

Details

The XYZ color **29.5885, 28.6259, 89.5538** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **53.7514, 50.0312, 13.6634**, and the grayscale version is **23.3207, 24.5352, 26.7188**.

A 20% lighter version of the original color is **49.4579, 53.7296, 102.3719**, and **13.1525, 11.9536, 48.6278** is the 20% darker color. If you saturate the color by 10%, you get **25.9452, 23.6909, 88.7939**, and if you desaturate by 10%, it is **34.2420, 34.4878, 90.4406**.

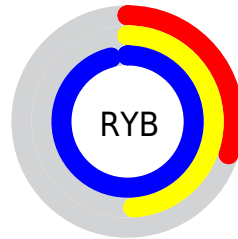
Distribution



Red (30%)

Green (57%)

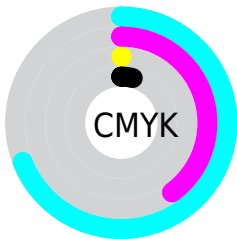
Blue (96%)



Red (30%)

Yellow (49%)

Blue (96%)

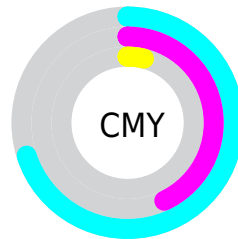


Cyan (69%)

Magenta (40%)

Yellow (0%)

Black (4%)



Cyan (70%)

Magenta (43%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5885, 28.6259, 89.5538 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 29.5885, 28.6259, 89.5538 by changing the saturation by 10% instead.

■ 29.5885, 28.6259,
89.5538

■ 29.5885, 28.6259,
89.5538

291.9260,
295.4457, 547.1109

■ 19.6730, 18.7980,
67.0390

■ 58.4019, 57.4822,
148.6485

■ 12.2644, 11.5244,
48.6545

■ 78.0305, 77.2794,
186.0656

■ 6.9975, 6.4207,
33.9818

■ 101.6275,
101.1684, 229.2871

■ 3.5069, 3.1026,
22.6024

■ 129.5583,
129.5337, 278.7316

■ 1.4271, 1.1855,
14.0977

162.1881,
162.7598, 334.8177

■ 0.2754, 0.0498,
8.0491

199.8825,

■ 0.0000, 0.0000,

201.2308, 397.9640

4.0382

243.0066,
245.3314, 468.5888

■ 0.0000, 0.0000,
1.6463

■ 0.0000, 0.0000,
0.3235

■ 29.5885, 28.6259,
89.5538

■ 29.5885, 28.6259,
89.5538

■ 25.9452, 23.6909,
88.7939

■ 34.2420, 34.4878,
90.4406

■ 23.2104, 19.6147,
88.1513

■ 39.9860, 41.3313,
91.4588

■ 21.2445, 16.3099,
87.6170

■ 46.8961, 49.2090,
92.6152

■ 21.0472, 15.9676,
87.5613

■ 55.0395, 58.1683,
93.9153

■ 64.4781, 68.2534,
95.3644

■ 75.2692, 79.5057,
96.9676

■ 87.4669, 91.9644,
98.7295

■ 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.



22.6149, 28.6259, 85.6347



29.5885, 28.6259, 89.5538



37.0981, 28.6259, 73.2803

Triad

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



29.5885, 28.6259, 89.5538



39.4550, 28.6259, 12.0158



16.1128, 28.6259, 19.1798

Complementary

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



29.5885, 28.6259, 89.5538



53.7514, 50.0312, 13.6634

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.



19.2533, 28.6259, 9.3867



29.5885, 28.6259, 89.5538



32.3845, 28.6259, 6.7127

Square

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



29.5885, 28.6259, 89.5538



43.4266, 28.6259, 24.9997



24.9588, 28.6259, 6.0301



15.6330, 28.6259, 38.2773

Rectangle

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



29.5885, 28.6259, 89.5538



41.1023, 28.6259, 56.1431



24.9588, 28.6259, 6.0301



16.8617, 28.6259, 14.9783

Sweetspot

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



29.5897, 28.6268, 89.5545



68.8500, 72.8828, 105.0467



42.9727, 69.2949, 51.1573



14.1065, 14.9290, 22.3880



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.



29.5897, 28.6268, 89.5545



27.2488, 24.1168, 97.8266



23.1318, 13.8762, 87.0478



16.1484, 17.0611, 20.9846



11.5719, 8.9376, 47.6532



1.1161, 0.9835, 4.2213

Inverse Universe

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



45.0821, 26.4789, 29.9295



46.2495, 24.6664, 23.9854



66.2894, 82.0470, 19.1823



16.7855, 16.5970, 18.6170



21.6455, 11.0016, 8.1074



1.9524, 0.9869, 0.9757

Previews

White Background



This preview shows how the XYZ color 29.5885, 28.6259, 89.5538 looks on a white background.

Color Contrast Check

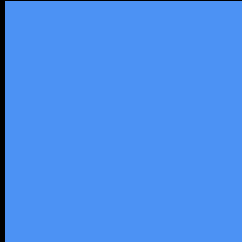
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5885, 28.6259, 89.5538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

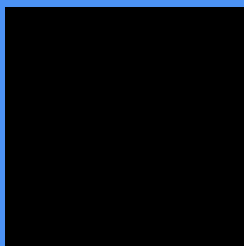
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

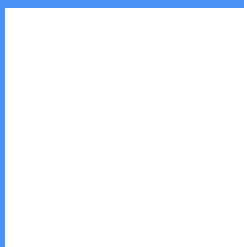
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5885, 28.6259, 89.5538

Background



This preview shows how black text looks on a background with the XYZ color 29.5885, 28.6259, 89.5538.



This preview shows how white text looks on a background with the XYZ color 29.5885, 28.6259,

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

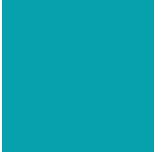
29.5885, 28.6259, 89.5538

Protanopia

31.2269, 28.6405, 86.3204

Deuteranopia

29.5885, 28.6259, 89.5538



Tritanopia

20.4725, 28.5909, 44.4840

Trichromacy



Original Color

29.5885, 28.6259, 89.5538

Protanomaly

30.3157, 28.3755, 87.0983

Deuteranomaly

29.5885, 28.6259, 89.5538

Tritanomaly

22.7929, 28.2075, 58.2761

Monochromacy



Original Color

29.5885, 28.6259, 89.5538

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0554, 25.4287, 44.1978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5885, 28.6259, 89.5538 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(76, 146, 244)` looks like.

```
.text, #text, p{  
    color:rgb(76, 146, 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(76, 146, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 146, 244) }
```

Border

The CSS property to change the border of an element to XYZ 29.5885, 28.6259, 89.5538 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(76, 146, 244) }
```


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

```
.border{ border-color:rgb(76, 146, 244) }
```

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

Here you see how a box with a 4 pixel rgb(76, 146, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 146, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 146, 244);  
box-shadow:4px 4px 4px 4px rgb(76, 146,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5885, 28.6259, 89.5538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 146, 244) }
```

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

```
.background{ background-color: rgb(76, 146,  
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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