

Converting Colors

XYZ(28.9893, 25.1232, 88.6303)

Have a look what the booklet for
XYZ(28.9893, 25.1232, 88.6303)
contains.

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Color

**XYZ(29.0615, 25.1439,
88.9095)**

Conversions

Conversions Part 1

Format	Color
Hex	5E83F4
RGB	94, 131, 244
RGB Percent	37%, 51%, 96%
CMY	0.6313, 0.4863, 0.0431
CMYK	0.61, 0.46, 0.00, 0.04
HSL	225°, 87%, 66%
HSV	225°, 61%, 96%
XYZ	29.0615, 25.1439, 88.9095
YIQ	132.8190, -58.3250, 27.2990

Conversions

Conversions Part 2

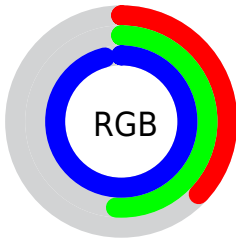
Format	Color
R _Y B	94, 124, 244
Decimal	6194164
CIE Lab	57.22, 21.26, -60.70
CIE LCh	57, 64.318, 289.303
Yxy	25.1439, 0.2031, 0.1757
Android (android.graphics.Color)	4284384244 (0xFF5E83F4)
YUV	132.8190, 54.8122, -34.0443
Hunter-Lab	50.1437, 15.7008, -70.0262

Details

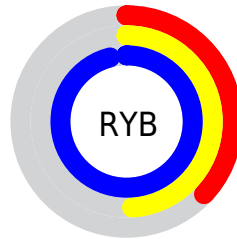
The XYZ color **29.0615, 25.1439, 88.9095** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **61.6439, 64.6708, 19.8253**, and the grayscale version is **22.0521, 23.2005, 25.2654**.

A 20% lighter version of the original color is **48.9008, 48.5689, 101.4051**, and **11.9869, 9.6224, 48.2392** is the 20% darker color. If you saturate the color by 10%, you get **24.6895, 19.5446, 88.0597**, and if you desaturate by 10%, it is **34.6642, 32.0283, 89.9436**.

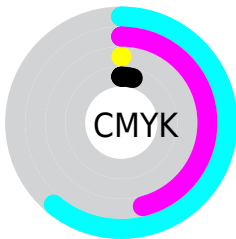
Distribution



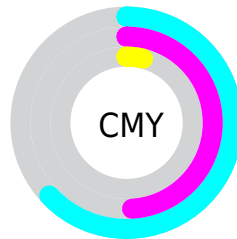
- Red (37%)
- Green (51%)
- Blue (96%)



- Red (37%)
- Yellow (49%)
- Blue (96%)



- Cyan (61%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (63%)
- Magenta (49%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0615, 25.1439, 88.9095 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 29.0615, 25.1439, 88.9095 by changing the saturation by 10% instead.

■ 29.0615, 25.1439,
88.9095

■ 29.0615, 25.1439,
88.9095

289.4940,
278.5538, 544.9554

■ 19.2719, 16.1843,
66.5079

■ 57.5717, 51.8906,
147.7450

■ 11.9721, 9.6547,
48.2258

■ 77.0229, 70.4464,
185.0159

■ 6.7967, 5.1706,
33.6444

■ 100.4254, 92.9698,
228.0805

■ 3.3805, 2.3477,
22.3454

■ 128.1445,
119.8452, 277.3571

■ 1.3580, 0.7988,
13.9102

160.5455,
151.4569, 333.2644

■ 0.2260, 0.0000,
7.9202

197.9939,

■ 0.0000, 0.0000,

188.1893, 396.2208

3.9569

240.8549,
230.4268, 466.6450

■ 0.0000, 0.0000,
1.6017

■ 0.0000, 0.0000,
0.2920

■ 29.0615, 25.1439,
88.9095

■ 29.0615, 25.1439,
88.9095

■ 24.6895, 19.5446,
88.0597

■ 34.6642, 32.0283,
89.9436

■ 21.4444, 15.1419,
87.3809

■ 41.5831, 40.2730,
91.1703

■ 19.2089, 11.8379,
86.8610

■ 49.8996, 49.9500,
92.5998

■ 17.9545, 9.7822,
86.5304

■ 59.6874, 61.1252,
94.2410

■ 71.0148, 73.8603,
96.1021

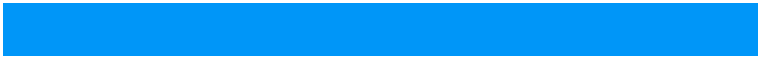
■ 83.9457, 88.2135,
98.1910

■ 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.



21.2876, 25.1439, 92.5217



29.0615, 25.1439, 88.9095



36.7770, 25.1439, 64.7345

Triad

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



29.0615, 25.1439, 88.9095



34.7488, 25.1439, 6.3279



12.2238, 25.1439, 20.3213

Complementary

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



29.0615, 25.1439, 88.9095



61.6439, 64.6708, 19.8253

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.



14.4438, 25.1439, 8.1520



29.0615, 25.1439, 88.9095



26.7146, 25.1439, 3.4085

Square

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



29.0615, 25.1439, 88.9095



40.5119, 25.1439, 15.7431



19.3864, 25.1439, 3.8301



12.5904, 25.1439, 43.6717

Rectangle

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



29.0615, 25.1439, 88.9095



40.3393, 25.1439, 44.9907



19.3864, 25.1439, 3.8301



12.6699, 25.1439, 15.0908

Sweetspot

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



29.0626, 25.1447, 88.9102



70.0765, 72.1973, 104.8498



48.1695, 71.5626, 69.9873



14.2504, 14.6075, 22.3184



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.



29.0626, 25.1447, 88.9102



26.2043, 20.1632, 97.1185



29.7713, 19.4043, 87.7648



15.9131, 16.5905, 20.9061



9.8524, 5.4986, 47.0801



0.9437, 0.6389, 4.1638

Inverse Universe

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



45.4087, 28.8788, 24.6540



46.1774, 26.3802, 18.2335



59.9650, 78.7039, 22.6224



16.6667, 16.5495, 17.9916



20.7775, 10.6545, 3.5370



1.8654, 0.9521, 0.5177

Previews

White Background



This preview shows how the XYZ color 29.0615, 25.1439, 88.9095 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 29.0615, 25.1439, 88.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

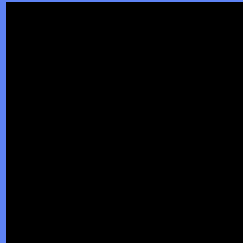
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0615, 25.1439, 88.9095

Background



This preview shows how black text looks on a background with the XYZ color 29.0615, 25.1439, 88.9095.



This preview shows how white text looks on a background with the XYZ color 29.0615, 25.1439,

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

29.0615, 25.1439, 88.9095

Protanopia

28.5018, 25.2227, 90.5550

Deuteranopia

26.1741, 25.3475, 87.5174



Tritanopia

18.9493, 25.2056, 38.0489

Trichromacy



Original Color

29.0615, 25.1439, 88.9095

Protanomaly

28.5704, 25.0735, 89.7201

Deuteranomaly

26.8453, 25.0400, 88.2123

Tritanomaly

21.7911, 24.7159, 53.4913

Monochromacy



Original Color

29.0615, 25.1439, 88.9095

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.4018, 23.4416, 42.8264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0615, 25.1439, 88.9095 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(94, 131, 244)` looks like.

```
.text, #text, p{  
    color:rgb(94, 131, 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(94, 131, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 131, 244) }
```

Border

The CSS property to change the border of an element to XYZ 29.0615, 25.1439, 88.9095 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(94, 131, 244) }
```


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

```
.border{ border-color:rgb(94, 131, 244) }
```

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

Here you see how a box with a 4 pixel rgb(94, 131, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 131, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 131, 244);  
box-shadow:4px 4px 4px 4px rgb(94, 131,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0615, 25.1439, 88.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 131, 244) }
```

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

```
.background{ background-color: rgb(94, 131,  
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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