

Converting Colors

XYZ(29.2150, 24.0883, 96.0382)

Have a look what the booklet for
XYZ(29.2150, 24.0883, 96.0382)
contains.

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Color

**XYZ(29.2150, 24.0883,
96.0382)**

Conversions

Conversions Part 1

Format	Color
Hex	587EFD
RGB	88, 126, 253
RGB Percent	35%, 49%, 99%
CMY	0.6549, 0.5059, 0.0078
CMYK	0.65, 0.50, 0.00, 0.01
HSL	226°, 98%, 67%
HSV	226°, 65%, 99%
XYZ	29.2150, 24.0883, 96.0382
YIQ	129.1160, -63.4150, 31.4410

Conversions

Conversions Part 2

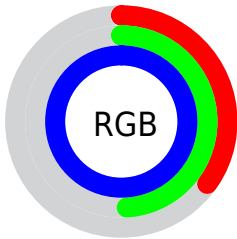
Format	Color
R _Y B	88, 119, 253
Decimal	5799677
CIE Lab	56.18, 26.33, -67.36
CIE LCh	56, 72.327, 291.351
Yxy	24.0883, 0.1956, 0.1613
Android (android.graphics.Color)	4283989757 (0xFF587EFD)
YUV	129.1160, 61.0748, -36.0587
Hunter-Lab	49.0798, 20.3633, -81.6613

Details

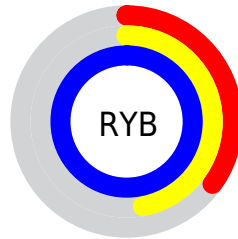
The XYZ color **29.2150, 24.0883, 96.0382** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **66.5729, 70.1932, 19.2745**, and the grayscale version is **20.7169, 21.7958, 23.7357**.

A 20% lighter version of the original color is **46.9193, 45.7362, 100.9628**, and **12.5747, 9.3889, 52.7792** is the 20% darker color. If you saturate the color by 10%, you get **24.9696, 18.5560, 95.1947**, and if you desaturate by 10%, it is **34.7779, 31.0195, 97.0834**.

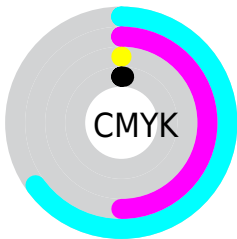
Distribution



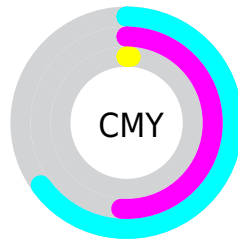
- Red (35%)
- Green (49%)
- Blue (99%)



- Red (35%)
- Yellow (47%)
- Blue (99%)



- Cyan (65%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (65%)
- Magenta (51%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2150, 24.0883, 96.0382 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 29.2150, 24.0883, 96.0382 by changing the saturation by 10% instead.

■ 29.2150, 24.0883,
96.0382

■ 29.2150, 24.0883,
96.0382

290.2040,
273.2666, 568.5524

■ 19.3886, 15.3991,
72.3977

■ 57.8137, 50.1743,
157.7060

■ 12.0571, 9.1000,
52.9948

■ 77.3167, 68.3398,
196.5705

■ 6.8550, 4.8065,
37.4109

■ 100.7760, 90.4330,
241.3466

■ 3.4171, 2.1342,
25.2275

■ 128.5570,
116.8382, 292.4531

■ 1.3780, 0.6837,
16.0261

161.0249,
147.9397, 350.3083

■ 0.2405, 0.0000,
9.3881

198.5451,

■ 0.0000, 0.0000,

184.1220, 415.3309

4.8949

241.4830,
225.7695, 487.9394

■ 0.0000, 0.0000,
2.1281

■ 0.0000, 0.0000,
0.6324

■ 29.2150, 24.0883,
96.0382

■ 29.2150, 24.0883,
96.0382

■ 24.9696, 18.5560,
95.1947

■ 34.7779, 31.0195,
97.0834

■ 21.9199, 14.3176,
94.5373

■ 41.7582, 39.4395,
98.3407

■ 19.9246, 11.2542,
94.0512

■ 50.2497, 49.4323,
99.8220

■ 19.2558, 10.1439,
93.8721

■ 60.3369, 61.0751,
101.5376

■ 72.0978, 74.4397,
103.4974

■ 85.6054, 89.5938,
105.7105

94.7297, 99.8719,
107.2135

Harmonies

Analogous

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



20.5769, 24.0883, 102.3947



29.2150, 24.0883, 96.0382



37.7677, 24.0883, 66.4119

Triad

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



29.2150, 24.0883, 96.0382



34.3862, 24.0883, 4.2711



10.4589, 24.0883, 19.9346

Complementary

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



29.2150, 24.0883, 96.0382



66.5729, 70.1932, 19.2745

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.



12.5514, 24.0883, 6.7796



29.2150, 24.0883, 96.0382



25.3814, 24.0883, 2.0191

Square

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



29.2150, 24.0883, 96.0382



41.2202, 24.0883, 12.8526



17.5596, 24.0883, 2.5310



11.0107, 24.0883, 46.6503

Rectangle

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



29.2150, 24.0883, 96.0382



41.6026, 24.0883, 43.7378



17.5596, 24.0883, 2.5310



10.8534, 24.0883, 14.1540

Sweetspot

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



29.2161, 24.0890, 96.0388



67.4420, 69.0377, 104.3788



51.3528, 77.2069, 76.1513



13.7274, 13.9710, 22.2231



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.



29.2161, 24.0890, 96.0388



24.4280, 17.5466, 96.7071



30.7371, 18.9790, 94.9724



17.3423, 18.0563, 22.8211



10.3336, 5.5768, 49.9664



1.0846, 0.7000, 4.8912

Inverse Universe

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



47.7647, 29.3702, 22.8905



45.0523, 25.0554, 15.0058



63.1827, 84.5115, 22.2169



18.1807, 18.0556, 19.5687



22.0041, 11.2909, 3.4062



2.1821, 1.1152, 0.5403

Previews

White Background



This preview shows how the XYZ color 29.2150, 24.0883, 96.0382 looks on a white background.

Color Contrast Check

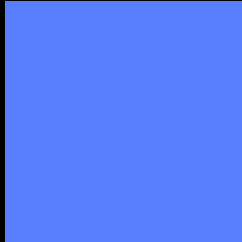
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2150, 24.0883, 96.0382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

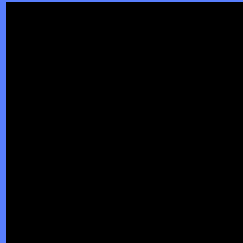
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2150, 24.0883, 96.0382

Background



This preview shows how black text looks on a background with the XYZ color 29.2150, 24.0883, 96.0382.



This preview shows how white text looks on a background with the XYZ color 29.2150, 24.0883,

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

29.2150, 24.0883, 96.0382

Protanopia

28.1470, 24.2753, 97.8098

Deuteranopia

24.6738, 24.1826, 85.8053



Tritanopia

17.3118, 23.9121, 36.9608

Trichromacy



Original Color

29.2150, 24.0883, 96.0382

Protanomaly

28.4873, 24.2727, 96.9496

Deuteranomaly

25.4646, 23.6747, 89.6137

Tritanomaly

20.2880, 23.2555, 54.4584

Monochromacy



Original Color

29.2150, 24.0883, 96.0382

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2986, 22.0717, 43.1294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2150, 24.0883, 96.0382 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(88, 126, 253)` looks like.

```
.text, #text, p{  
    color:rgb(88, 126, 253)  
}
```

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(88, 126, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 126, 253) }
```

Border

The CSS property to change the border of an element to XYZ 29.2150, 24.0883, 96.0382 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(88, 126, 253) }
```


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

```
.border{ border-color:rgb(88, 126, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 126, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 126, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 126, 253);  
box-shadow:4px 4px 4px 4px rgb(88, 126,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2150, 24.0883, 96.0382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 126, 253) }
```

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

```
.background{ background-color: rgb(88, 126,  
253) }
```

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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