

Converting Colors

XYZ(29.0732, 24.1239, 91.1197)

Have a look what the booklet for
XYZ(29.0732, 24.1239, 91.1197)
contains.

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Color

**XYZ(29.0732, 24.1239,
91.1197)**

Conversions

Conversions Part 1

Format	Color
Hex	607EF7
RGB	96, 126, 247
RGB Percent	38%, 49%, 97%
CMY	0.6235, 0.5059, 0.0314
CMYK	0.61, 0.49, 0.00, 0.03
HSL	228°, 90%, 67%
HSV	228°, 61%, 97%
XYZ	29.0732, 24.1239, 91.1197
YIQ	130.8240, -56.7210, 31.2710

Conversions

Conversions Part 2

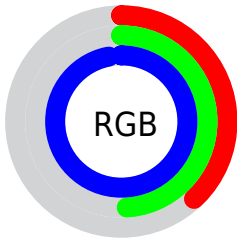
Format	Color
R _Y B	96, 121, 247
Decimal	6323959
CIE Lab	56.21, 25.63, -63.97
CIE LCh	56, 68.914, 291.836
Yxy	24.1239, 0.2015, 0.1672
Android (android.graphics.Color)	4284514039 (0xFF607EF7)
YUV	130.8240, 57.2748, -30.5406
Hunter-Lab	49.1161, 19.7060, -75.6130

Details

The XYZ color **29.0732, 24.1239, 91.1197** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **65.2845, 70.2485, 21.1867**, and the grayscale version is **21.3287, 22.4394, 24.4365**.

A 20% lighter version of the original color is **48.0709, 46.3299, 101.0167**, and **12.0312, 9.1729, 49.8516** is the 20% darker color. If you saturate the color by 10%, you get **24.5852, 18.4176, 90.2554**, and if you desaturate by 10%, it is **34.8801, 31.2538, 92.1904**.

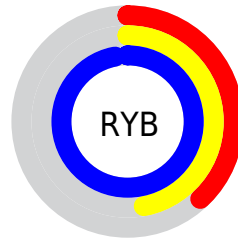
Distribution



Red (38%)

Green (49%)

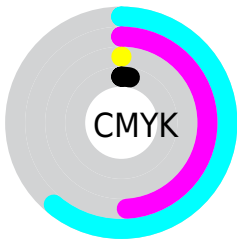
Blue (97%)



Red (38%)

Yellow (47%)

Blue (97%)

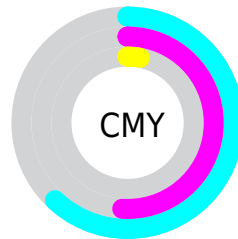


Cyan (61%)

Magenta (49%)

Yellow (0%)

Black (3%)



Cyan (62%)

Magenta (51%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0732, 24.1239, 91.1197 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 29.0732, 24.1239, 91.1197 by changing the saturation by 10% instead.

■ 29.0732, 24.1239,
91.1197

■ 29.0732, 24.1239,
91.1197

289.5482,
273.4463, 552.3303

■ 19.2808, 15.4256,
68.3308

■ 57.5901, 50.2323,
150.8418

■ 11.9785, 9.1186,
49.6985

■ 77.0453, 68.4112,
188.6121

■ 6.8012, 4.8186,
34.8044

■ 100.4521, 90.5190,
232.2132

■ 3.3833, 2.1412,
23.2299

■ 128.1759,
116.9402, 282.0636

■ 1.3595, 0.6877,
14.5565

160.5821,
148.0591, 338.5821

■ 0.2271, 0.0000,
8.3655

198.0359,

■ 0.0000, 0.0000,

184.2601, 402.1870

4.2386

240.9028,
225.9277, 473.2969

■ 0.0000, 0.0000,
1.7571

■ 0.0000, 0.0000,
0.3995

■ 29.0732, 24.1239,
91.1197

■ 29.0732, 24.1239,
91.1197

■ 24.5852, 18.4176,
90.2554

■ 34.8801, 31.2538,
92.1904

■ 21.3038, 14.0323,
89.5819

■ 42.0992, 39.8953,
93.4779

■ 19.1021, 10.8542,
89.0845

■ 50.8185, 50.1315,
94.9941

■ 17.8896, 8.9174,
88.7745

■ 61.1181, 62.0387,
96.7496

■ 73.0721, 75.6883,
98.7542

■ 86.7499, 91.1473,
101.0172

■ 93.7886, 99.4954,
102.2575

Harmonies

Analogous

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



20.8337, 24.1239, 97.4182



29.0732, 24.1239, 91.1197



37.1089, 24.1239, 63.4872

Triad

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



29.0732, 24.1239, 91.1197



33.6859, 24.1239, 4.7325



10.9161, 24.1239, 20.5472

Complementary

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



29.0732, 24.1239, 91.1197



65.2845, 70.2485, 21.1867

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.



12.9182, 24.1239, 7.4824



29.0732, 24.1239, 91.1197



25.1604, 24.1239, 2.4272

Square

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



29.0732, 24.1239, 91.1197



40.1706, 24.1239, 13.1541



17.7179, 24.1239, 3.0189



11.4983, 24.1239, 46.0599

Rectangle

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



29.0732, 24.1239, 91.1197



40.6577, 24.1239, 42.3448



17.7179, 24.1239, 3.0189



11.2889, 24.1239, 14.8811

Sweetspot

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



29.0743, 24.1246, 91.1203



69.5007, 71.0456, 104.6578



50.5843, 74.0086, 77.1298



14.1121, 14.3310, 22.2723



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.



29.0743, 24.1246, 91.1203



25.6298, 18.7521, 96.8764



32.0087, 20.7722, 90.3186



15.8477, 16.4596, 20.8843



9.5397, 4.8732, 46.9759



0.9076, 0.5667, 4.1518

Inverse Universe

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



46.3075, 29.6478, 23.0209



45.9514, 26.5348, 16.2883



59.6494, 79.8817, 23.3431



16.6337, 16.5363, 17.8176



20.6197, 10.5913, 2.7059



1.8472, 0.9448, 0.4217

Previews

White Background



This preview shows how the XYZ color 29.0732, 24.1239, 91.1197 looks on a white background.

Color Contrast Check

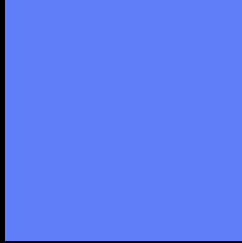
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0732, 24.1239, 91.1197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

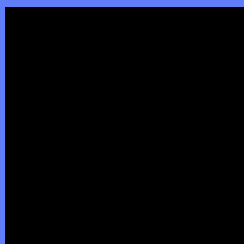
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0732, 24.1239, 91.1197

Background



This preview shows how black text looks on a background with the XYZ color 29.0732, 24.1239, 91.1197.



This preview shows how white text looks on a background with the XYZ color 29.0732, 24.1239,

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

29.0732, 24.1239, 91.1197

Protanopia

27.8495, 24.1955, 94.4692

Deuteranopia

24.9727, 24.3021, 87.3790



Tritanopia

18.1599, 24.1275, 36.5008

Trichromacy



Original Color

29.0732, 24.1239, 91.1197

Protanomaly

28.3300, 24.2649, 93.6329

Deuteranomaly

25.4098, 23.6640, 88.8163

Tritanomaly

21.0908, 23.4920, 52.7130

Monochromacy



Original Color

29.0732, 24.1239, 91.1197

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8643, 22.5692, 42.6864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0732, 24.1239, 91.1197 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(96, 126, 247) looks like.

```
.text, #text, p{  
  color:rgb(96, 126, 247)  
}
```

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(96, 126, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 126, 247) }
```

Border

The CSS property to change the border of an element to XYZ 29.0732, 24.1239, 91.1197 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(96, 126, 247) }
```


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

```
.border{ border-color:rgb(96, 126, 247) }
```

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

Here you see how a box with a 4 pixel rgb(96, 126, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 126, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 126, 247);  
box-shadow:4px 4px 4px 4px rgb(96, 126,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0732, 24.1239, 91.1197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 126, 247) }
```

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

```
.background{ background-color: rgb(96, 126,  
247) }
```

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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