

Converting Colors

XYZ(29.4309, 24.3735, 92.0455)

Have a look what the booklet for
XYZ(29.4309, 24.3735, 92.0455)
contains.

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Color

**XYZ(29.3339, 24.2404,
91.9397)**

Conversions

Conversions Part 1

Format	Color
Hex	617EF8
RGB	97, 126, 248
RGB Percent	38%, 49%, 97%
CMY	0.6196, 0.5059, 0.0274
CMYK	0.61, 0.49, 0.00, 0.03
HSL	228°, 92%, 68%
HSV	228°, 61%, 97%
XYZ	29.3339, 24.2404, 91.9397
YIQ	131.2370, -56.4460, 31.7940

Conversions

Conversions Part 2

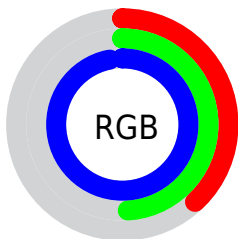
Format	Color
R _Y B	97, 121, 248
Decimal	6389496
CIE Lab	56.33, 26.14, -64.33
CIE LCh	56, 69.440, 292.111
Yxy	24.2404, 0.2016, 0.1666
Android (android.graphics.Color)	4284579576 (0xFF617EF8)
YUV	131.2370, 57.5642, -30.0258
Hunter-Lab	49.2345, 20.1897, -76.2529

Details

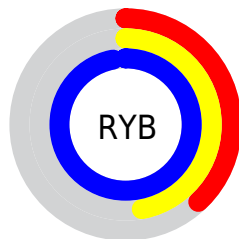
The XYZ color **29.3339, 24.2404, 91.9397** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **66.2032, 71.4869, 21.6203**, and the grayscale version is **21.4744, 22.5927, 24.6035**.

A 20% lighter version of the original color is **48.2685, 46.4317, 101.0259**, and **12.1784, 9.2362, 50.4311** is the 20% darker color. If you saturate the color by 10%, you get **24.7816, 18.4635, 91.0651**, and if you desaturate by 10%, it is **35.2272, 31.4707, 93.0252**.

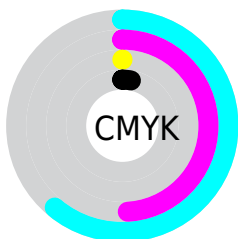
Distribution



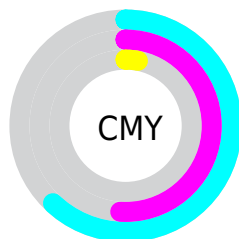
- Red (38%)
- Green (49%)
- Blue (97%)



- 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 29.3339, 24.2404, 91.9397 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 29.3339, 24.2404, 91.9397 by changing the saturation by 10% instead.

■ 29.3339, 24.2404,
91.9397

■ 29.3339, 24.2404,
91.9397

290.7530,
274.0336, 555.0527

■ 19.4791, 15.5120,
69.0078

■ 58.0011, 50.4222,
151.9888

■ 12.1230, 9.1795,
50.2463

■ 77.5441, 68.6445,
189.9430

■ 6.9003, 4.8585,
35.2366

■ 101.0474, 90.8001,
233.7418

■ 3.4456, 2.1645,
23.5601

■ 128.8761,
117.2736, 283.8037

■ 1.3936, 0.7005,
14.7985

161.3956,
148.4493, 340.5472

■ 0.2516, 0.0000,
8.5330

198.9714,

■ 0.0000, 0.0000,

184.7116, 404.3908

4.3452

241.9688,
226.4449, 475.7531

■ 0.0000, 0.0000,
1.8166

■ 0.0000, 0.0000,
0.4389

■ 29.3339, 24.2404,
91.9397

■ 29.3339, 24.2404,
91.9397

■ 24.7816, 18.4635,
91.0651

■ 35.2272, 31.4707,
93.0252

■ 21.4564, 14.0350,
90.3856

■ 42.5561, 40.2447,
94.3325

■ 19.2294, 10.8381,
89.8859

■ 51.4103, 50.6476,
95.8738

■ 17.9848, 8.8603,
89.5698

■ 61.8708, 62.7575,
97.6599

■ 74.0132, 76.6477,
99.7010

■ 87.9079, 92.3868,
102.0066

■ 93.9434, 99.5574,
103.0726

Harmonies

Analogous

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



20.9905, 24.2404, 98.5857



29.3339, 24.2404, 91.9397



37.4507, 24.2404, 63.7876

Triad

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



29.3339, 24.2404, 91.9397



33.8470, 24.2404, 4.6486



10.9072, 24.2404, 20.7924

Complementary

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



29.3339, 24.2404, 91.9397



66.2032, 71.4869, 21.6203

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.



12.9004, 24.2404, 7.5201



29.3339, 24.2404, 91.9397



25.2182, 24.2404, 2.3800

Square

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



29.3339, 24.2404, 91.9397



40.4487, 24.2404, 13.0333



17.7173, 24.2404, 2.9945



11.5174, 24.2404, 46.7107

Rectangle

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



29.3339, 24.2404, 91.9397



41.0158, 24.2404, 42.3865



17.7173, 24.2404, 2.9945



11.2749, 24.2404, 15.0343

Sweetspot

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



29.3350, 24.2411, 91.9403



69.4218, 70.8878, 104.6315



51.1272, 74.7286, 77.9234



14.0932, 14.2932, 22.2660



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.



29.3350, 24.2411, 91.9403



25.5039, 18.5003, 96.8344



32.4267, 21.1061, 91.1723



16.5527, 17.1823, 21.8294



9.7907, 4.9370, 48.4105



0.9762, 0.5960, 4.5068

Inverse Universe

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



46.7530, 30.0139, 23.0681



45.8879, 26.5094, 15.9536



60.2734, 80.6533, 23.7022



17.3808, 17.2797, 18.5950



21.2339, 10.9093, 2.6743



2.0017, 1.0244, 0.4321

Previews

White Background



This preview shows how the XYZ color 29.3339, 24.2404, 91.9397 looks on a white background.

Color Contrast Check

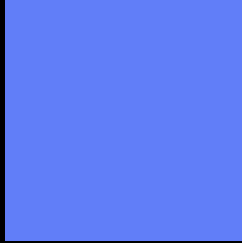
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3339, 24.2404, 91.9397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

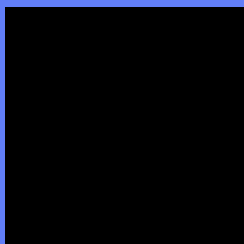
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

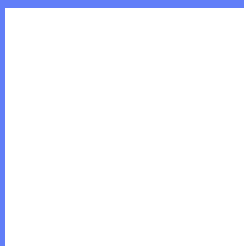
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3339, 24.2404, 91.9397

Background



This preview shows how black text looks on a background with the XYZ color 29.3339, 24.2404, 91.9397.



This preview shows how white text looks on a background with the XYZ color 29.3339, 24.2404,

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

29.3339, 24.2404, 91.9397

Protanopia

28.0076, 24.2587, 95.3017

Deuteranopia

24.9727, 24.3021, 87.3790



Tritanopia

18.2130, 24.1549, 36.5033

Trichromacy



Original Color

29.3339, 24.2404, 91.9397

Protanomaly

28.4873, 24.3278, 94.4611

Deuteranomaly

25.4098, 23.6640, 88.8163

Tritanomaly

21.1624, 23.5289, 52.7164

Monochromacy



Original Color

29.3339, 24.2404, 91.9397

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.0980, 22.6784, 43.2044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3339, 24.2404, 91.9397 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(97, 126, 248)` looks like.

```
.text, #text, p{  
    color:rgb(97, 126, 248)  
}
```

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(97, 126, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 126, 248) }
```

Border

The CSS property to change the border of an element to XYZ 29.3339, 24.2404, 91.9397 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(97, 126, 248) }
```


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

```
.border{ border-color:rgb(97, 126, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 126, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 126, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 126, 248);  
box-shadow:4px 4px 4px 4px rgb(97, 126,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3339, 24.2404, 91.9397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 126, 248) }
```

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

```
.background{ background-color: rgb(97, 126,  
248) }
```

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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