

Converting Colors

XYZ(32.3050, 30.0207, 92.3714)

Have a look what the booklet for
XYZ(32.3050, 30.0207, 92.3714)
contains.

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Color

**XYZ(32.2130, 29.9258,
92.0741)**

Conversions

Conversions Part 1

Format	Color
Hex	6392F7
RGB	99, 146, 247
RGB Percent	39%, 57%, 97%
CMY	0.6117, 0.4274, 0.0314
CMYK	0.60, 0.41, 0.00, 0.03
HSL	221°, 90%, 68%
HSV	221°, 60%, 97%
XYZ	32.2130, 29.9258, 92.0741
YIQ	143.4610, -60.4330, 21.4470

Conversions

Conversions Part 2

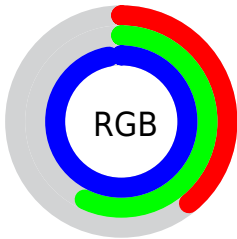
Format	Color
R _Y B	99, 135, 247
Decimal	6525687
CIE Lab	61.59, 14.17, -55.35
CIE LCh	62, 57.136, 284.355
Yxy	29.9258, 0.2089, 0.1941
Android (android.graphics.Color)	4284715767 (0xFF6392F7)
YUV	143.4610, 51.0447, -38.9923
Hunter-Lab	54.7045, 9.3778, -61.4989

Details

The XYZ color **32.2130, 29.9258, 92.0741** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **61.2666, 61.9873, 20.5421**, and the grayscale version is **26.1134, 27.4734, 29.9185**.

A 20% lighter version of the original color is **53.2015, 56.0021, 102.6132**, and **13.7266, 12.2120, 50.3489** is the 20% darker color. If you saturate the color by 10%, you get **27.5058, 23.9222, 91.1640**, and if you desaturate by 10%, it is **38.1307, 37.1229, 93.1520**.

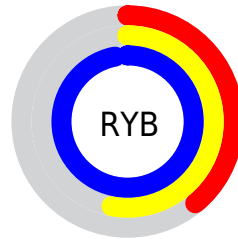
Distribution



Red (39%)

Green (57%)

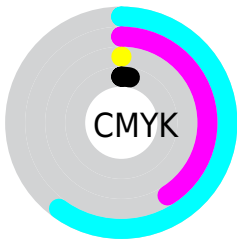
Blue (97%)



Red (39%)

Yellow (53%)

Blue (97%)

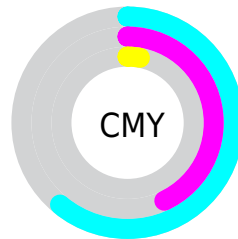


Cyan (60%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (61%)

Magenta (43%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2130, 29.9258, 92.0741 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 32.2130, 29.9258, 92.0741 by changing the saturation by 10% instead.

■ 32.2130, 29.9258,
92.0741

■ 32.2130, 29.9258,
92.0741

303.8165,
301.5584, 555.4982

■ 21.6806, 19.7823,
69.1188

■ 62.5078, 59.5448,
152.1767

■ 13.7377, 12.2369,
50.3361

■ 83.0009, 79.7891,
190.1610

■ 8.0189, 6.9052,
35.3075

■ 107.5449,
104.1691, 233.9922

■ 4.1590, 3.4029,
23.6144

■ 136.5052,
133.0692, 284.0886

■ 1.7925, 1.3455,
14.8383

170.2472,
166.8738, 340.8689

■ 0.5131, 0.1760,
8.5606

209.1361,

■ 0.0000, 0.0000,

205.9672, 404.7515

4.3628

253.5374,
250.7340, 476.1551

■ 0.0000, 0.0000,
1.8264

■ 0.0000, 0.0000,
0.4453

■ 32.2130, 29.9258,
92.0741

■ 32.2130, 29.9258,
92.0741

■ 27.5058, 23.9222,
91.1640

■ 38.1307, 37.1229,
93.1520

■ 23.9107, 19.0356,
90.4103

■ 45.3392, 45.5771,
94.4039

■ 21.3184, 15.1832,
89.8033

■ 53.9154, 55.3505,
95.8384

■ 19.5566, 12.2475,
89.3295

■ 63.9292, 66.4998,
97.4626

■ 19.5438, 12.2258,
89.3260

■ 75.4453, 79.0783,
99.2835

■ 88.5244, 93.1364,
101.3077

■ 93.7886, 99.4954,
102.2576

Harmonies

Analogous

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



24.6905, 29.9258, 91.5884



32.2130, 29.9258, 92.0741



39.9006, 29.9258, 72.4810

Triad

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



32.2130, 29.9258, 92.0741



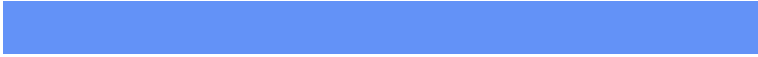
40.1923, 29.9258, 11.2443



16.5885, 29.9258, 22.5719

Complementary

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



32.2130, 29.9258, 92.0741



61.2666, 61.9873, 20.5421

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.



19.4210, 29.9258, 10.9203



32.2130, 29.9258, 92.0741



32.5589, 29.9258, 6.6488

Square

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



32.2130, 29.9258, 92.0741



45.0327, 29.9258, 23.2907



24.9803, 29.9258, 6.5648



16.5293, 29.9258, 44.0696

Rectangle

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



32.2130, 29.9258, 92.0741



43.7133, 29.9258, 54.1994



24.9803, 29.9258, 6.5648



17.2218, 29.9258, 17.6490

Sweetspot

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



32.2142, 29.9268, 92.0749



70.9412, 73.9267, 105.1380



48.5625, 73.2371, 64.8033



14.4586, 15.0240, 22.3878



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.



32.2142, 29.9268, 92.0749



28.6207, 24.4603, 97.8206



29.5163, 19.9015, 90.2820



16.0106, 16.7855, 20.9386



10.4485, 6.6908, 47.2788



1.0069, 0.7653, 4.1849

Inverse Universe

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



48.0091, 30.7749, 30.6045



47.5279, 27.4212, 23.8015



65.7405, 83.0056, 24.3632



16.7159, 16.5692, 18.2507



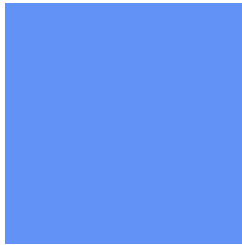
21.0784, 10.7748, 5.1214



1.8973, 0.9649, 0.6856

Previews

White Background



This preview shows how the XYZ color 32.2130, 29.9258, 92.0741 looks on a white background.

Color Contrast Check

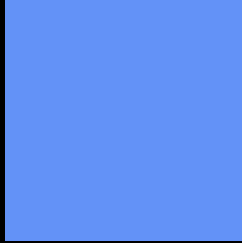
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2130, 29.9258, 92.0741 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

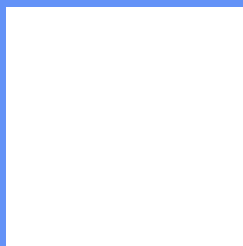
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.2130, 29.9258, 92.0741

Background



This preview shows how black text looks on a background with the XYZ color 32.2130, 29.9258, 92.0741.



This preview shows how white text looks on a background with the XYZ color 32.2130, 29.9258,

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

32.2130, 29.9258, 92.0741

Protanopia

32.7038, 29.9688, 91.2497

Deuteranopia

30.9493, 29.9877, 91.3458



Tritanopia

22.9050, 30.0941, 45.1590

Trichromacy



Original Color

32.2130, 29.9258, 92.0741

Protanomaly

32.3535, 29.7882, 91.2333

Deuteranomaly

31.3443, 29.9575, 91.3191

Tritanomaly

25.5730, 29.6137, 59.6265

Monochromacy



Original Color

32.2130, 29.9258, 92.0741

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.0661, 27.7947, 47.6544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2130, 29.9258, 92.0741 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(99, 146, 247)` looks like.

```
.text, #text, p{  
    color:rgb(99, 146, 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(99, 146, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 146, 247) }
```

Border

The CSS property to change the border of an element to XYZ 32.2130, 29.9258, 92.0741 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(99, 146, 247) }
```


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

```
.border{ border-color:rgb(99, 146, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 146, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 146, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 146, 247);  
box-shadow:4px 4px 4px 4px rgb(99, 146,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2130, 29.9258, 92.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 146, 247) }
```

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

```
.background{ background-color: rgb(99, 146,  
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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