

Converting Colors

XYZ(33.2244, 32.2872, 94.9251)

Have a look what the booklet for
XYZ(33.2244, 32.2872, 94.9251)
contains.

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Color

**XYZ(33.2246, 32.2886,
94.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9AFA
RGB	92, 154, 250
RGB Percent	36%, 60%, 98%
CMY	0.6392, 0.3961, 0.0196
CMYK	0.63, 0.38, 0.00, 0.02
HSL	216°, 94%, 67%
HSV	216°, 63%, 98%
XYZ	33.2246, 32.2886, 94.9237
YIQ	146.4060, -67.7680, 16.7120

Conversions

Conversions Part 2

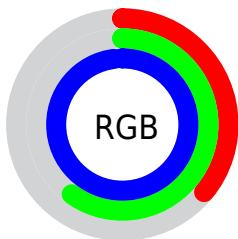
Format	Color
R _Y B	92, 137, 250
Decimal	6068986
CIE Lab	63.58, 9.20, -53.85
CIE LCh	64, 54.631, 279.692
Yxy	32.2886, 0.2071, 0.2013
Android (android.graphics.Color)	4284259066 (0xFF5C9AFA)
YUV	146.4060, 51.0718, -47.7141
Hunter-Lab	56.8231, 4.9291, -59.2686

Details

The XYZ color **33.2246, 32.2886, 94.9237** 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 **59.3420, 57.0674, 18.0149**, and the grayscale version is **27.3064, 28.7285, 31.2853**.

A 20% lighter version of the original color is **53.9323, 59.2018, 103.1923**, and **14.5760, 13.7509, 52.3380** is the 20% darker color. If you saturate the color by 10%, you get **28.7761, 26.5063, 94.0428**, and if you desaturate by 10%, it is **38.8166, 39.1322, 95.9506**.

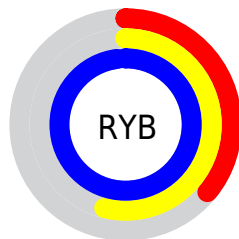
Distribution



Red (36%)

Green (60%)

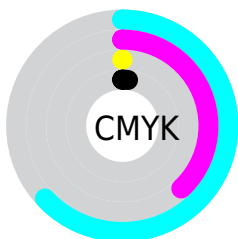
Blue (98%)



Red (36%)

Yellow (54%)

Blue (98%)

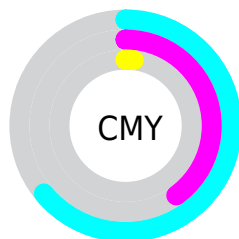


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2246, 32.2886, 94.9237 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 33.2246, 32.2886, 94.9237 by changing the saturation by 10% instead.

■ 33.2246, 32.2886,
94.9237

■ 33.2246, 32.2886,
94.9237

308.3077,
312.4318, 564.8988

■ 22.4586, 21.5820,
71.4749

■ 64.0784, 63.2632,
156.1539

■ 14.3128, 13.5501,
52.2457

■ 84.8968, 84.3001,
194.7723

■ 8.4217, 7.8084,
36.8173

■ 109.7969,
109.5492, 239.2845

■ 4.4200, 3.9726,
24.7714

■ 139.1438,
139.3949, 290.1088

■ 1.9424, 1.6583,
15.6894

173.3030,
174.2216, 347.6638

■ 0.6013, 0.3964,
9.1526

212.6398,

■ 0.0000, 0.0000,

214.4138, 412.3682

4.7427

257.5196,
260.3557, 484.6403

■ 0.0000, 0.0000,
2.0410

■ 0.0000, 0.0000,
0.5803

■ 33.2246, 32.2886,
94.9237

■ 33.2246, 32.2886,
94.9237

■ 28.7761, 26.5063,
94.0428

■ 38.8166, 39.1322,
95.9506

■ 25.3708, 21.7149,
93.2974

■ 45.6326, 47.0941,
97.1282

■ 22.8947, 17.8374,
92.6795

■ 53.7495, 56.2300,
98.4638

■ 21.6319, 15.6552,
92.3248

■ 63.2366, 66.5908,
99.9636

■ 74.1580, 78.2239,
101.6334

■ 86.5733, 91.1741,
103.4787

■ 94.2555, 99.6822,
104.7160

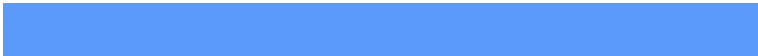
Harmonies

Analogous

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



25.8763, 32.2886, 91.0774



33.2246, 32.2886, 94.9237



41.0389, 32.2886, 78.3826

Triad

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



33.2246, 32.2886, 94.9237



43.4118, 32.2886, 14.5788



18.8894, 32.2886, 22.5031

Complementary

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



33.2246, 32.2886, 94.9237



59.3420, 57.0674, 18.0149

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.



22.2449, 32.2886, 11.7320



33.2246, 32.2886, 94.9237



36.0650, 32.2886, 8.6489

Square

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



33.2246, 32.2886, 94.9237



47.5311, 32.2886, 28.5505



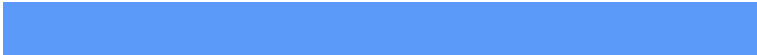
28.2865, 32.2886, 7.8831



18.3859, 32.2886, 42.7108

Rectangle

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



33.2246, 32.2886, 94.9237



45.1687, 32.2886, 60.8928



28.2865, 32.2886, 7.8831



19.6911, 32.2886, 17.9374

Sweetspot

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



33.2259, 32.2897, 94.9245



70.7336, 74.5747, 105.2740



47.5492, 74.2270, 58.7251



14.4610, 15.2350, 22.4284



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.



33.2259, 32.2897, 94.9245



28.9669, 26.1787, 98.1340



27.2445, 17.7343, 92.4303



16.8417, 17.7602, 21.9257



11.6043, 8.5642, 49.0150



1.1746, 0.9929, 4.5729

Inverse Universe

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



49.0855, 30.3133, 33.8364



47.4522, 26.4320, 26.3590



70.1160, 86.6712, 23.1611



17.5266, 17.3380, 19.3629



22.1493, 11.2755, 7.4948



2.1018, 1.0645, 0.9596

Previews

White Background



This preview shows how the XYZ color 33.2246, 32.2886, 94.9237 looks on a white background.

Color Contrast Check

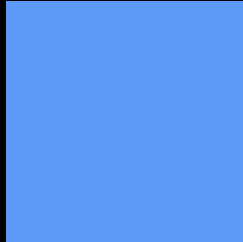
Large Text (above 18pt) WCAG AA × Fail

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 33.2246, 32.2886, 94.9237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

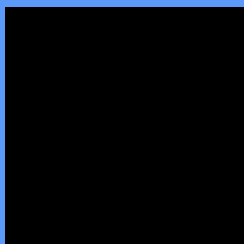
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

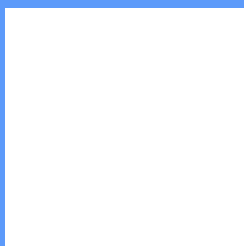
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.2246, 32.2886, 94.9237

Background



This preview shows how black text looks on a background with the XYZ color 33.2246, 32.2886, 94.9237.



This preview shows how white text looks on a background with the XYZ color 33.2246, 32.2886,

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

33.2246, 32.2886, 94.9237

Protanopia

34.7434, 32.1795, 91.5689

Deuteranopia

33.3251, 32.3405, 94.9284



Tritanopia

24.0770, 32.2234, 49.2067

Trichromacy



Original Color

33.2246, 32.2886, 94.9237

Protanomaly

33.9185, 31.9744, 92.3797

Deuteranomaly

33.3251, 32.3405, 94.9284

Tritanomaly

26.8139, 31.9646, 63.7880

Monochromacy



Original Color

33.2246, 32.2886, 94.9237

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.0034, 29.3912, 49.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2246, 32.2886, 94.9237 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(92, 154, 250)` looks like.

```
.text, #text, p{  
    color:rgb(92, 154, 250)  
}
```

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(92, 154, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 154, 250) }
```

Border

The CSS property to change the border of an element to XYZ 33.2246, 32.2886, 94.9237 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(92, 154, 250) }
```


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

```
.border{ border-color:rgb(92, 154, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 154, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 154, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 154, 250);  
box-shadow:4px 4px 4px 4px rgb(92, 154,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2246, 32.2886, 94.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 154, 250) }
```

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

```
.background{ background-color: rgb(92, 154,  
250) }
```

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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