

Converting Colors

XYZ(32.5044, 31.5869, 93.9552)

Have a look what the booklet for
XYZ(32.5044, 31.5869, 93.9552)
contains.

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Color

**XYZ(32.6099, 31.7459,
94.0314)**

Conversions

Conversions Part 1

Format	Color
Hex	5999F9
RGB	89, 153, 249
RGB Percent	35%, 60%, 98%
CMY	0.6509, 0.4000, 0.0235
CMYK	0.64, 0.39, 0.00, 0.02
HSL	216°, 93%, 66%
HSV	216°, 64%, 98%
XYZ	32.6099, 31.7459, 94.0314
YIQ	144.8080, -68.9600, 16.2880

Conversions

Conversions Part 2

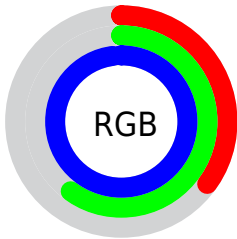
Format	Color
R _Y B	89, 135, 249
Decimal	5872121
CIE Lab	63.13, 8.94, -54.02
CIE LCh	63, 54.759, 279.400
Yxy	31.7459, 0.2059, 0.2004
Android (android.graphics.Color)	4284062201 (0xFF5999F9)
YUV	144.8080, 51.3667, -48.9436
Hunter-Lab	56.3435, 4.7092, -59.5083

Details

The XYZ color **32.6099, 31.7459, 94.0314** 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 **58.2212, 55.5623, 17.1090**, and the grayscale version is **26.6555, 28.0437, 30.5396**.

A 20% lighter version of the original color is **53.3117, 58.5210, 103.0936**, and **14.3647, 13.5063, 51.7190** is the 20% darker color. If you saturate the color by 10%, you get **28.3177, 26.1278, 93.1739**, and if you desaturate by 10%, it is **38.0185, 38.3949, 95.0304**.

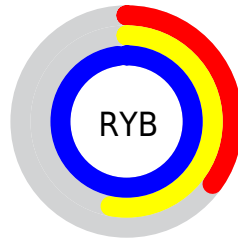
Distribution



Red (35%)

Green (60%)

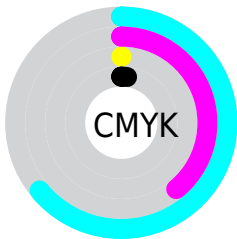
Blue (98%)



Red (35%)

Yellow (53%)

Blue (98%)

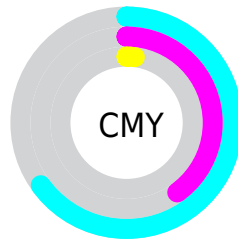


Cyan (64%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6099, 31.7459, 94.0314 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 32.6099, 31.7459, 94.0314 by changing the saturation by 10% instead.

■ 32.6099, 31.7459,
94.0314

■ 32.6099, 31.7459,
94.0314

305.5844,
309.9601, 561.9644

■ 21.9856, 21.1675,
70.7366

■ 63.1248, 62.4125,
154.9098

■ 13.9628, 13.2465,
51.6468

■ 83.7460, 83.2695,
193.3305

■ 8.1764, 7.5985,
36.3433

■ 108.4303,
108.3215, 237.6303

■ 4.2608, 3.8391,
24.4077

■ 137.5429,
137.9529, 288.2278

■ 1.8507, 1.5840,
15.4213

171.4493,
172.5481, 345.5413

■ 0.5479, 0.3468,
8.9657

210.5148,

■ 0.0000, 0.0000,

212.4914, 409.9896

4.6223

255.1047,
258.1673, 481.9911

■ 0.0000, 0.0000,
1.9726

■ 0.0000, 0.0000,
0.5383

■ 32.6099, 31.7459,
94.0314

■ 32.6099, 31.7459,
94.0314

■ 28.3177, 26.1278,
93.1739

■ 38.0185, 38.3949,
95.0304

■ 25.0416, 21.4709,
92.4477

■ 44.6239, 46.1308,
96.1754

■ 22.6665, 17.6986,
91.8448

■ 52.5025, 55.0087,
97.4738

■ 21.6174, 15.8765,
91.5483

■ 61.7233, 65.0784,
98.9315

■ 72.3496, 76.3864,
100.5541

■ 84.4409, 88.9767,
102.3469

■ 94.0990, 99.6196,
103.8922

Harmonies

Analogous

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



25.3439, 31.7459, 89.9940



32.6099, 31.7459, 94.0314



40.3696, 31.7459, 77.7322

Triad

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



32.6099, 31.7459, 94.0314



42.8539, 31.7459, 14.3069



18.5122, 31.7459, 21.8930

Complementary

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



32.6099, 31.7459, 94.0314



58.2212, 55.5623, 17.1090

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.



21.8573, 31.7459, 11.3483



32.6099, 31.7459, 94.0314



35.5808, 31.7459, 8.4108

Square

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



32.6099, 31.7459, 94.0314



46.9015, 31.7459, 28.2040



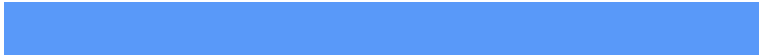
27.8616, 31.7459, 7.6178



17.9872, 31.7459, 41.8190

Rectangle

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



32.6099, 31.7459, 94.0314



44.4904, 31.7459, 60.3750



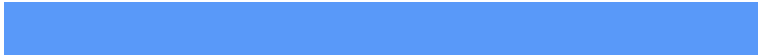
27.8616, 31.7459, 7.6178



19.3137, 31.7459, 17.4135

Sweetspot

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



32.6112, 31.7469, 94.0322



70.8336, 74.7748, 105.3074



46.7539, 73.3791, 57.6004



14.4850, 15.2830, 22.4364



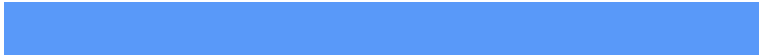
0.0000, 0.0000, 0.0000



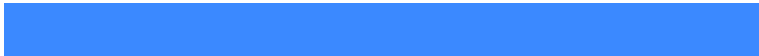
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.6112, 31.7469, 94.0322



28.8051, 26.0833, 98.1241



26.4987, 16.9894, 91.5059



16.8528, 17.7824, 21.9294



11.7012, 8.7581, 49.0473



1.1843, 1.0123, 4.5761

Inverse Universe

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



48.3902, 29.5860, 33.2980



47.3147, 26.1635, 26.2932



69.2843, 85.7972, 22.3619



17.5322, 17.3402, 19.3925



22.1983, 11.2950, 7.7525



2.1067, 1.0664, 0.9853

Previews

White Background



This preview shows how the XYZ color 32.6099, 31.7459, 94.0314 looks on a white background.

Color Contrast Check

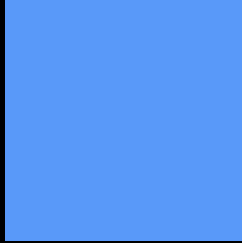
Large Text (above 18pt) WCAG AA × Fail

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 32.6099, 31.7459, 94.0314 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

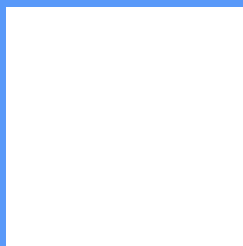
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.6099, 31.7459, 94.0314

Background



This preview shows how black text looks on a background with the XYZ color 32.6099, 31.7459, 94.0314.



This preview shows how white text looks on a background with the XYZ color 32.6099, 31.7459,

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

32.6099, 31.7459, 94.0314

Protanopia

34.1683, 31.6649, 90.6973

Deuteranopia

32.8045, 31.8462, 94.0405



Tritanopia

23.5244, 31.6774, 48.5905

Trichromacy



Original Color

32.6099, 31.7459, 94.0314

Protanomaly

33.3666, 31.4698, 91.5044

Deuteranomaly

32.7066, 31.7957, 94.0359

Tritanomaly

26.2409, 31.4207, 63.0743

Monochromacy



Original Color

32.6099, 31.7459, 94.0314

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5946, 28.9587, 48.9349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6099, 31.7459, 94.0314 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(89, 153, 249)` looks like.

```
.text, #text, p{  
    color:rgb(89, 153, 249)  
}
```

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(89, 153, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 153, 249) }
```

Border

The CSS property to change the border of an element to XYZ 32.6099, 31.7459, 94.0314 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(89, 153, 249) }
```


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

```
.border{ border-color:rgb(89, 153, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 153, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 153, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 153, 249);  
box-shadow:4px 4px 4px 4px rgb(89, 153,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6099, 31.7459, 94.0314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 153, 249) }
```

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

```
.background{ background-color: rgb(89, 153,  
249) }
```

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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