

Converting Colors

XYZ(31.2154, 28.2019, 95.8937)

Have a look what the booklet for
XYZ(31.2154, 28.2019, 95.8937)
contains.

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Color

**XYZ(31.2154, 28.2019,
95.8937)**

Conversions

Conversions Part 1

Format	Color
Hex	598DFC
RGB	89, 141, 252
RGB Percent	35%, 55%, 99%
CMY	0.6509, 0.4471, 0.0118
CMYK	0.65, 0.44, 0.00, 0.01
HSL	221°, 96%, 67%
HSV	221°, 65%, 99%
XYZ	31.2154, 28.2019, 95.8937
YIQ	138.1060, -66.6230, 23.4970

Conversions

Conversions Part 2

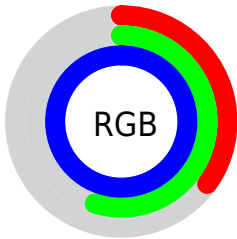
Format	Color
R _Y B	89, 128, 252
Decimal	5869052
CIE Lab	60.07, 17.08, -60.55
CIE LCh	60, 62.914, 285.751
Yxy	28.2019, 0.2010, 0.1816
Android (android.graphics.Color)	4284059132 (0xFF598DFC)
YUV	138.1060, 56.1497, -43.0660
Hunter-Lab	53.1055, 11.9878, -69.8874

Details

The XYZ color **31.2154, 28.2019, 95.8937** 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 **62.6050, 62.7296, 18.2617**, and the grayscale version is **24.0101, 25.2605, 27.5087**.

A 20% lighter version of the original color is **50.4787, 52.5759, 102.0954**, and **13.6775, 11.5944, 53.1468** is the 20% darker color. If you saturate the color by 10%, you get **26.8604, 22.4871, 95.0208**, and if you desaturate by 10%, it is **36.7922, 35.1291, 96.9375**.

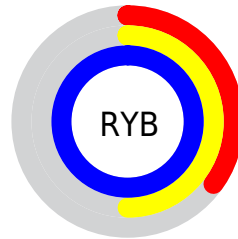
Distribution



Red (35%)

Green (55%)

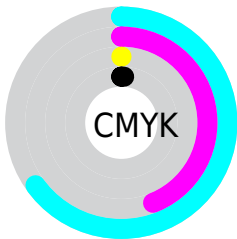
Blue (99%)



Red (35%)

Yellow (50%)

Blue (99%)

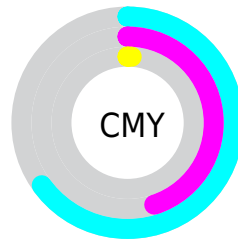


Cyan (65%)

Magenta (44%)

Yellow (0%)

Black (1%)



Cyan (65%)

Magenta (45%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2154, 28.2019, 95.8937 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 31.2154, 28.2019, 95.8937 by changing the saturation by 10% instead.

■ 31.2154, 28.2019,
95.8937

■ 31.2154, 28.2019,
95.8937

299.3386,
293.4304, 568.0794

■ 20.9156, 18.4779,
72.2780

■ 60.9526, 56.8066,
157.5049

■ 13.1744, 11.2936,
52.8976

■ 81.1206, 76.4561,
196.3375

■ 7.6266, 6.2647,
37.3339

■ 105.3088,
100.1830, 241.0795

■ 3.9067, 3.0067,
25.1683

■ 133.8824,
128.3715, 292.1494

■ 1.6495, 1.1352,
15.9823

167.2068,
161.4061, 349.9659

■ 0.4243, 0.0078,
9.3574

205.6474,

■ 0.0000, 0.0000,

199.6712, 414.9473

4.8751

249.5696,
243.5512, 487.5123

■ 0.0000, 0.0000,
2.1167

■ 0.0000, 0.0000,
0.6257

■ 31.2154, 28.2019,
95.8937

■ 31.2154, 28.2019,
95.8937

■ 26.8604, 22.4871,
95.0208

■ 36.7922, 35.1291,
96.9375

■ 23.6170, 17.9005,
94.3064

■ 43.6800, 43.3390,
98.1591

■ 21.3584, 14.3481,
93.7398

■ 51.9633, 52.8990,
99.5678

■ 20.4677, 12.8221,
93.4922

■ 61.7182, 63.8704,
101.1714

■ 73.0150, 76.3108,
102.9772

■ 85.9192, 90.2742,
104.9923

94.5708, 99.8083,
106.3766

Harmonies

Analogous

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



23.1837, 28.2019, 96.5354



31.2154, 28.2019, 95.8937



39.4461, 28.2019, 73.0137

Triad

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



31.2154, 28.2019, 95.8937



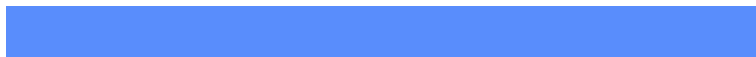
39.0774, 28.2019, 8.6843



14.4589, 28.2019, 21.0640

Complementary

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



31.2154, 28.2019, 95.8937



62.6050, 62.7296, 18.2617

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.



17.2021, 28.2019, 9.0419



31.2154, 28.2019, 95.8937



30.7851, 28.2019, 4.7041

Square

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



31.2154, 28.2019, 95.8937



44.5665, 28.2019, 20.2059



22.8310, 28.2019, 4.7904



14.5284, 28.2019, 44.3321

Rectangle

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



31.2154, 28.2019, 95.8937



43.4779, 28.2019, 52.6662



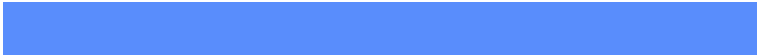
22.8310, 28.2019, 4.7904



15.0545, 28.2019, 15.8989

Sweetspot

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



31.2166, 28.2028, 95.8944



69.7791, 72.6658, 104.9559



49.0864, 75.8076, 65.2721



14.2324, 14.7779, 22.3522



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.



31.2166, 28.2028, 95.8944



26.3485, 21.3877, 97.3473



28.3697, 17.8996, 94.0558



16.7349, 17.5467, 21.8901



10.7787, 6.9130, 48.7398



1.0895, 0.8227, 4.5445

Inverse Universe

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



48.5261, 29.7650, 28.3874



46.0217, 25.4431, 20.1107



67.6143, 86.3238, 22.5518



17.4727, 17.3165, 19.0792



21.7326, 11.1088, 5.3005



2.0589, 1.0473, 0.7334

Previews

White Background



This preview shows how the XYZ color 31.2154, 28.2019, 95.8937 looks on a white background.

Color Contrast Check

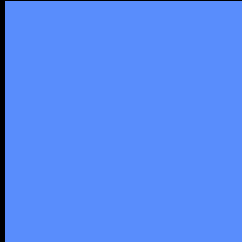
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2154, 28.2019, 95.8937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

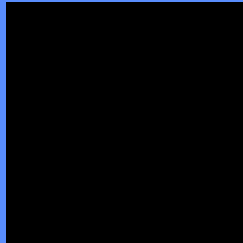
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

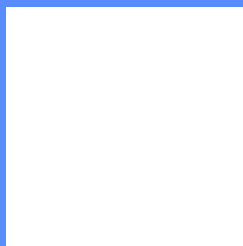
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.2154, 28.2019, 95.8937

Background



This preview shows how black text looks on a background with the XYZ color 31.2154, 28.2019, 95.8937.



This preview shows how white text looks on a background with the XYZ color 31.2154, 28.2019,

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

31.2154, 28.2019, 95.8937

Protanopia

31.4068, 28.1009, 95.0355

Deuteranopia

29.3224, 28.3636, 95.1960



Tritanopia

20.7590, 28.2462, 43.3877

Trichromacy



Original Color

31.2154, 28.2019, 95.8937

Protanomaly

31.2043, 27.9965, 95.0260

Deuteranomaly

29.7697, 28.1405, 95.1294

Tritanomaly

23.5158, 27.5731, 59.3411

Monochromacy



Original Color

31.2154, 28.2019, 95.8937

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1150, 25.7130, 46.2872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2154, 28.2019, 95.8937 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, 141, 252)` looks like.

```
.text, #text, p{  
    color:rgb(89, 141, 252)  
}
```

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, 141, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 141, 252) }
```

Border

The CSS property to change the border of an element to XYZ 31.2154, 28.2019, 95.8937 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, 141, 252) }
```


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

```
.border{ border-color:rgb(89, 141, 252) }
```

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

Here you see how a box with a 4 pixel rgb(89, 141, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 141, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 141, 252);  
box-shadow:4px 4px 4px 4px rgb(89, 141,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2154, 28.2019, 95.8937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 141, 252) }
```

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

```
.background{ background-color: rgb(89, 141,  
252) }
```

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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