

Converting Colors

XYZ(31.4556, 27.5233, 95.7152)

Have a look what the booklet for
XYZ(31.4556, 27.5233, 95.7152)
contains.

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Color

**XYZ(31.4461, 27.4610,
95.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	6189FC
RGB	97, 137, 252
RGB Percent	38%, 54%, 99%
CMY	0.6196, 0.4627, 0.0118
CMYK	0.62, 0.46, 0.00, 0.01
HSL	225°, 96%, 68%
HSV	225°, 62%, 99%
XYZ	31.4461, 27.4610, 95.7386
YIQ	138.1500, -60.7550, 27.2850

Conversions

Conversions Part 2

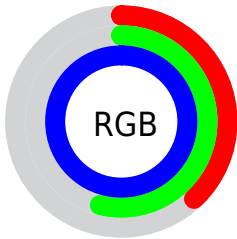
Format	Color
R _Y B	97, 129, 252
Decimal	6392316
CIE Lab	59.40, 20.82, -61.61
CIE LCh	59, 65.031, 288.675
Yxy	27.4610, 0.2033, 0.1776
Android (android.graphics.Color)	4284582396 (0xFF6189FC)
YUV	138.1500, 56.1280, -36.0886
Hunter-Lab	52.4032, 15.4085, -71.6382

Details

The XYZ color **31.4461, 27.4610, 95.7386** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **65.8485, 68.6495, 21.0913**, and the grayscale version is **24.0251, 25.2763, 27.5259**.

A 20% lighter version of the original color is **50.7615, 51.4178, 101.8570**, and **13.3651, 10.9325, 53.0355** is the 20% darker color. If you saturate the color by 10%, you get **26.7433, 21.4272, 94.8224**, and if you desaturate by 10%, it is **37.4644, 34.8571, 96.8496**.

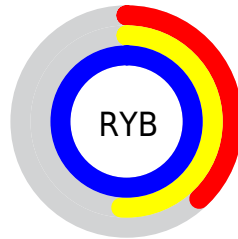
Distribution



Red (38%)

Green (54%)

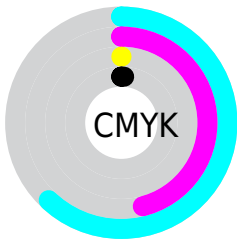
Blue (99%)



Red (38%)

Yellow (51%)

Blue (99%)

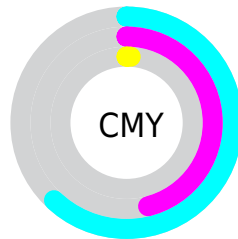


Cyan (62%)

Magenta (46%)

Yellow (0%)

Black (1%)



Cyan (62%)

Magenta (46%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4461, 27.4610, 95.7386 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 31.4461, 27.4610, 95.7386 by changing the saturation by 10% instead.

■ 31.4461, 27.4610,
95.7386

■ 31.4461, 27.4610,
95.7386

300.3786,
289.8823, 567.5715

■ 21.0923, 17.9197,
72.1496

■ 61.3128, 55.6227,
157.2890

■ 13.3043, 10.8924,
52.7933

■ 81.5564, 75.0120,
196.0874

■ 7.7169, 5.9945,
37.2512

■ 105.8273, 98.4528,
240.7927

■ 3.9646, 2.8417,
25.1047

■ 134.4908,
126.3294, 291.8234

■ 1.6821, 1.0497,
15.9354

167.9124,
159.0262, 349.5981

■ 0.4450, 0.0000,
9.3246

206.4573,

■ 0.0000, 0.0000,

196.9278, 414.5354

4.8538

250.4909,
240.4183, 487.0536

■ 0.0000, 0.0000,
2.1045

■ 0.0000, 0.0000,
0.6184

■ 31.4461, 27.4610,
95.7386

■ 31.4461, 27.4610,
95.7386

■ 26.7433, 21.4272,
94.8224

■ 37.4644, 34.8571,
96.8496

■ 23.2446, 16.6624,
94.0871

■ 44.8895, 43.6947,
98.1641

■ 20.8244, 13.0635,
93.5200

■ 53.8087, 54.0496,
99.6927

■ 19.4625, 10.8117,
93.1572

■ 64.3005, 65.9910,
101.4446

■ 76.4380, 79.5841,
103.4286

■ 90.2897, 94.8900,
105.6529

■ 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.



23.1433, 27.4610, 99.0094



31.4461, 27.4610, 95.7386



39.7240, 27.4610, 70.3966

Triad

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



31.4461, 27.4610, 95.7386



37.8743, 27.4610, 7.2764



13.5549, 27.4610, 21.9258

Complementary

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



31.4461, 27.4610, 95.7386



65.8485, 68.6495, 21.0913

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.



16.0140, 27.4610, 8.9798



31.4461, 27.4610, 95.7386



29.3002, 27.4610, 3.9545

Square

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



31.4461, 27.4610, 95.7386



43.9357, 27.4610, 17.7108



21.3985, 27.4610, 4.3537



13.8935, 27.4610, 46.6928

Rectangle

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



31.4461, 27.4610, 95.7386



43.5859, 27.4610, 49.3673



21.3985, 27.4610, 4.3537



14.0569, 27.4610, 16.3707

Sweetspot

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



31.4473, 27.4619, 95.7393



70.2144, 72.4731, 104.8958



51.4577, 76.8497, 73.5323



14.2835, 14.6739, 22.3295



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.



31.4473, 27.4619, 95.7393



26.4467, 20.6481, 97.1993



31.5464, 20.5798, 94.4057



16.6471, 17.3710, 21.8608



10.2382, 5.8320, 48.5596



1.0299, 0.7035, 4.5247

Inverse Universe

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



48.9361, 31.0526, 27.0820



46.2998, 26.4292, 18.8780



65.2391, 85.0584, 24.2907



17.4284, 17.2987, 18.8457



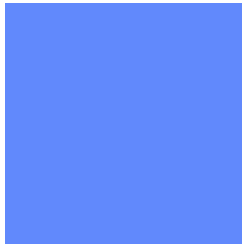
21.4598, 10.9996, 3.8637



2.0288, 1.0352, 0.5750

Previews

White Background



This preview shows how the XYZ color 31.4461, 27.4610, 95.7386 looks on a white background.

Color Contrast Check

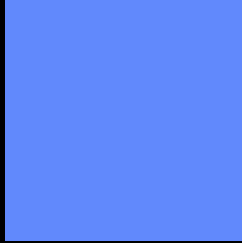
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4461, 27.4610, 95.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

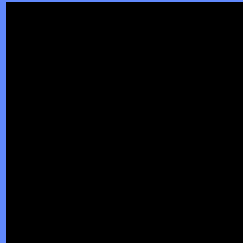
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4461, 27.4610, 95.7386

Background



This preview shows how black text looks on a background with the XYZ color 31.4461, 27.4610, 95.7386.



This preview shows how white text looks on a background with the XYZ color 31.4461, 27.4610,

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

31.4461, 27.4610, 95.7386

Protanopia

30.8426, 27.3435, 96.5808

Deuteranopia

28.4952, 27.5016, 94.2490



Tritanopia

20.6808, 27.4823, 41.7507

Trichromacy



Original Color

31.4461, 27.4610, 95.7386

Protanomaly

31.1325, 27.4930, 96.5943

Deuteranomaly

29.1842, 27.1730, 94.9735

Tritanomaly

23.6548, 26.9580, 57.9895

Monochromacy



Original Color

31.4461, 27.4610, 95.7386

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.3935, 25.6426, 46.2590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4461, 27.4610, 95.7386 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, 137, 252)` looks like.

```
.text, #text, p{  
    color:rgb(97, 137, 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(97, 137, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 137, 252) }
```

Border

The CSS property to change the border of an element to XYZ 31.4461, 27.4610, 95.7386 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, 137, 252) }
```


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

```
.border{ border-color:rgb(97, 137, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 137, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 137, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 137, 252);  
box-shadow:4px 4px 4px 4px rgb(97, 137,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4461, 27.4610, 95.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 137, 252) }
```

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

```
.background{ background-color: rgb(97, 137,  
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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