

Converting Colors

XYZ(31.8547, 27.5112, 98.2384)

Have a look what the booklet for
XYZ(31.8547, 27.5112, 98.2384)
contains.

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Color

**XYZ(31.9254, 27.6527,
98.2626)**

Conversions

Conversions Part 1

Format	Color
Hex	6189FF
RGB	97, 137, 255
RGB Percent	38%, 54%, 100%
CMY	0.6196, 0.4627, 0.0000
CMYK	0.62, 0.46, 0.00, 0.00
HSL	225°, 100%, 69%
HSV	225°, 62%, 100%
XYZ	31.9254, 27.6527, 98.2626
YIQ	138.4920, -61.7180, 28.2180

Conversions

Conversions Part 2

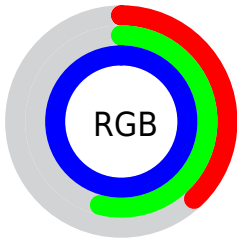
Format	Color
R _Y B	97, 129, 255
Decimal	6392319
CIE _{Lab}	59.57, 21.82, -62.97
CIE _{LCh}	60, 66.646, 289.108
Yxy	27.6527, 0.2023, 0.1752
Android (android.graphics.Color)	4284582399 (0xFF6189FF)
YUV	138.4920, 57.4384, -36.3885
Hunter-Lab	52.5858, 16.3440, -73.9800

Details

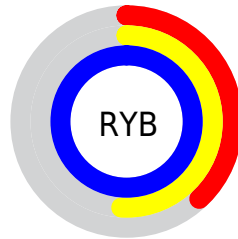
The XYZ color **31.9254, 27.6527, 98.2626** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **67.7003, 70.7277, 21.3949**, and the grayscale version is **24.1508, 25.4085, 27.6698**.

A 20% lighter version of the original color is **50.9607, 51.5205, 101.8663**, and **13.5678, 11.0107, 54.2335** is the 20% darker color. If you saturate the color by 10%, you get **27.1592, 21.5254, 97.3311**, and if you desaturate by 10%, it is **38.0445, 35.1873, 99.3944**.

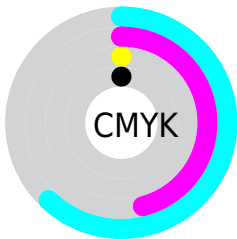
Distribution



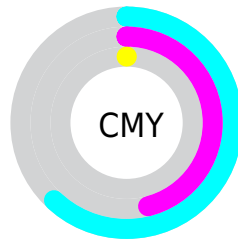
- Red (38%)
- Green (54%)
- Blue (100%)



- Red (38%)
- Yellow (51%)
- Blue (100%)



- Cyan (62%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9254, 27.6527, 98.2626 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 31.9254, 27.6527, 98.2626 by changing the saturation by 10% instead.

■ 31.9254, 27.6527,
98.2626

■ 31.9254, 27.6527,
98.2626

302.5306,
290.8036, 575.8069

■ 21.4598, 18.0640,
74.2416

■ 62.0601, 55.9295,
160.7985

■ 13.5749, 10.9960,
54.4938

■ 82.4599, 75.3864,
200.1505

■ 7.9053, 6.0641,
38.6007

■ 106.9018, 98.9015,
245.4499

■ 4.0857, 2.8841,
26.1438

■ 135.7512,
126.8591, 297.1153

■ 1.7507, 1.0715,
16.7045

169.3735,
159.6438, 355.5651

■ 0.4877, 0.0000,
9.8643

208.1339,

■ 0.0000, 0.0000,

197.6398, 421.2180

5.2047

252.3978,
241.2317, 494.4924

■ 0.0000, 0.0000,
2.3070

■ 0.0000, 0.0000,
0.7351

■ 31.9254, 27.6527,
98.2626

■ 31.9254, 27.6527,
98.2626

■ 27.1592, 21.5254,
97.3311

■ 38.0445, 35.1873,
99.3944

■ 23.6305, 16.7079,
96.5872

■ 45.6120, 44.2122,
100.7375

■ 21.2078, 13.0918,
96.0169

■ 54.7184, 54.8067,
102.3025

■ 19.9145, 10.9490,
95.6715

■ 65.4454, 67.0432,
104.0990

■ 77.8687, 80.9896,
106.1362

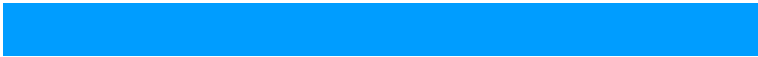
■ 92.0595, 96.7099,
108.4226

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



23.3510, 27.6527, 102.0802



31.9254, 27.6527, 98.2626



40.4613, 27.6527, 71.6115

Triad

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



31.9254, 27.6527, 98.2626



38.3213, 27.6527, 6.9473



13.4112, 27.6527, 22.1955

Complementary

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



31.9254, 27.6527, 98.2626



67.7003, 70.7277, 21.3949

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.



15.8770, 27.6527, 8.8610



31.9254, 27.6527, 98.2626



29.4508, 27.6527, 3.7126

Square

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



31.9254, 27.6527, 98.2626



44.6631, 27.6527, 17.3762



21.3481, 27.6527, 4.1534



13.7968, 27.6527, 47.9064

Rectangle

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



31.9254, 27.6527, 98.2626



44.4188, 27.6527, 49.7728



21.3481, 27.6527, 4.1534



13.9089, 27.6527, 16.4558

Sweetspot

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



31.9265, 27.6535, 98.2627



68.9397, 70.9869, 104.6761



52.6842, 78.8593, 75.3082



14.0321, 14.3772, 22.2855



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.



31.9265, 27.6535, 98.2627



26.3418, 20.4383, 97.1644



32.1368, 20.8288, 96.9343



17.3766, 18.1248, 22.8325



10.5054, 5.9203, 50.0236



1.1056, 0.7420, 4.8982

Inverse Universe

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



50.0309, 31.6171, 27.1332



46.2468, 26.4080, 18.5991



66.8720, 87.3095, 24.6392



18.1980, 18.0625, 19.6598



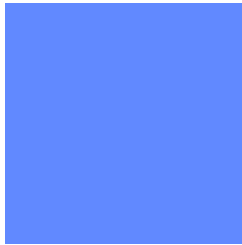
22.0908, 11.3256, 3.8628



2.1927, 1.1194, 0.5961

Previews

White Background



This preview shows how the XYZ color 31.9254, 27.6527, 98.2626 looks on a white background.

Color Contrast Check

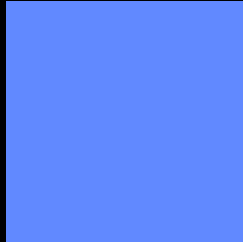
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9254, 27.6527, 98.2626 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 31.9254, 27.6527, 98.2626

Background



This preview shows how black text looks on a background with the XYZ color 31.9254, 27.6527, 98.2626.



This preview shows how white text looks on a background with the XYZ color 31.9254, 27.6527,

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

31.9254, 27.6527, 98.2626

Protanopia

31.2131, 27.7115, 98.3115

Deuteranopia

28.8099, 27.8349, 96.7827



Tritanopia

20.7397, 27.7628, 41.8018

Trichromacy



Original Color

31.9254, 27.6527, 98.2626

Protanomaly

31.4529, 27.6211, 98.2814

Deuteranomaly

29.5490, 27.5259, 97.5216

Tritanomaly

23.8575, 27.2849, 58.6527

Monochromacy



Original Color

31.9254, 27.6527, 98.2626

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5973, 25.7241, 47.3322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9254, 27.6527, 98.2626 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(97, 137, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 137, 255) }
```

Border

The CSS property to change the border of an element to XYZ 31.9254, 27.6527, 98.2626 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, 255) }
```


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

```
.border{ border-color:rgb(97, 137, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 137, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 137, 255); box-shadow:4px 4px 4px 4px rgb(97, 137, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9254, 27.6527, 98.2626 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, 255) }
```

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

```
.background{ background-color: rgb(97, 137,  
255) }
```

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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