

Converting Colors

XYZ(27.9842, 21.1836, 97.2217)

Have a look what the booklet for
XYZ(27.9842, 21.1836, 97.2217)
contains.

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Color

**XYZ(27.9796, 21.1050,
97.2067)**

Conversions

Conversions Part 1

Format	Color
Hex	5871FF
RGB	88, 113, 255
RGB Percent	35%, 44%, 100%
CMY	0.6549, 0.5569, 0.0000
CMYK	0.65, 0.56, 0.00, 0.00
HSL	231°, 100%, 67%
HSV	231°, 65%, 100%
XYZ	27.9796, 21.1050, 97.2067
YIQ	121.7130, -60.4820, 38.8620

Conversions

Conversions Part 2

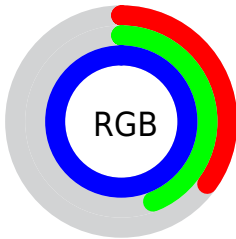
Format	Color
R _Y B	88, 110, 255
Decimal	5796351
CIE Lab	53.06, 34.92, -73.50
CIE LCh	53, 81.376, 295.412
Yxy	21.1050, 0.1913, 0.1443
Android (android.graphics.Color)	4283986431 (0xFF5871FF)
YUV	121.7130, 65.7105, -29.5663
Hunter-Lab	45.9402, 28.3191, -93.2960

Details

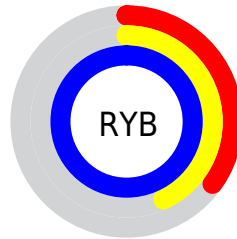
The XYZ color **27.9796, 21.1050, 97.2067** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **71.3010, 78.5631, 20.6407**, and the grayscale version is **18.2135, 19.1620, 20.8674**.

A 20% lighter version of the original color is **44.6420, 40.9026, 100.1498**, and **12.0263, 7.9276, 53.7197** is the 20% darker color. If you saturate the color by 10%, you get **23.8369, 15.7971, 96.4005**, and if you desaturate by 10%, it is **33.5457, 28.0046, 98.2451**.

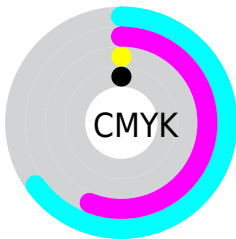
Distribution



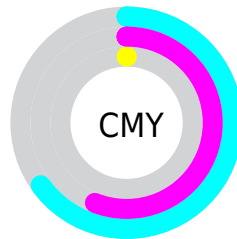
- Red (35%)
- Green (44%)
- Blue (100%)



- Red (35%)
- Yellow (43%)
- Blue (100%)



- Cyan (65%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9796, 21.1050, 97.2067 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 27.9796, 21.1050, 97.2067 by changing the saturation by 10% instead.

■ 27.9796, 21.1050,
97.2067

■ 27.9796, 21.1050,
97.2067

284.4513,
257.8360, 572.3694

■ 18.4507, 13.2008,
73.3660

■ 55.8607, 45.2622,
159.3315

■ 11.3757, 7.5669,
53.7816

■ 74.9437, 62.2840,
198.4526

■ 6.3893, 3.8191,
38.0351

■ 97.9419, 83.1138,
243.5042

■ 3.1261, 1.5729,
25.7079

■ 125.2209,
108.1359, 294.9049

■ 1.2208, 0.3392,
16.3814

157.1460,
137.7348, 353.0733

■ 0.1227, 0.0000,
9.6372

194.0825,

■ 0.0000, 0.0000,

172.2948, 418.4278

5.0566

236.3958,
212.2004, 491.3870

■ 0.0000, 0.0000,
2.2212

■ 0.0000, 0.0000,
0.6866

■ 27.9796, 21.1050,
97.2067

■ 27.9796, 21.1050,
97.2067

■ 23.8369, 15.7971,
96.4005

■ 33.5457, 28.0046,
98.2451

■ 20.9806, 11.9480,
95.8081

■ 40.6493, 36.6104,
99.5318

■ 19.2497, 9.4044,
95.4084

■ 49.3958, 47.0282,
101.0816

■ 18.7483, 8.6167,
95.2828

■ 59.8805, 59.3545,
102.9083

■ 72.1914, 73.6788,
105.0243

■ 86.4101, 90.0852,
107.4416

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.



18.7725, 21.1050, 109.1969



27.9796, 21.1050, 97.2067



36.8791, 21.1050, 61.4410

Triad

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



27.9796, 21.1050, 97.2067



30.9221, 21.1050, 1.9228



7.7242, 21.1050, 19.4138

Complementary

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



27.9796, 21.1050, 97.2067



71.3010, 78.5631, 20.6407

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.



9.3358, 21.1050, 5.2690



27.9796, 21.1050, 97.2067



21.4044, 21.1050, 0.7253

Square

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



27.9796, 21.1050, 97.2067



38.8892, 21.1050, 8.1117



13.7960, 21.1050, 1.2883



8.5677, 21.1050, 49.7062

Rectangle

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



27.9796, 21.1050, 97.2067



40.5629, 21.1050, 37.0051



13.7960, 21.1050, 1.2883



7.9797, 21.1050, 13.0391

Sweetspot

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



27.9806, 21.1055, 97.2068



66.4036, 66.9608, 104.0326



54.0615, 79.3056, 87.2853



13.4829, 13.4820, 22.1416



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.



27.9806, 21.1055, 97.2068



22.6943, 14.2858, 96.1691



33.4757, 20.3538, 96.7721



17.2224, 17.8163, 22.7811



9.8617, 4.6329, 49.8091



1.0219, 0.5744, 4.8703

Inverse Universe

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



47.7111, 29.4332, 18.7895



44.1268, 24.4920, 10.7274



60.4310, 84.0348, 22.2698



18.1201, 18.0314, 19.2498



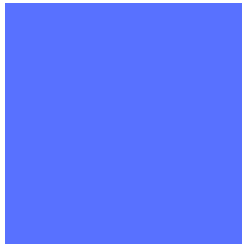
21.7659, 11.1957, 2.1518



2.1504, 1.1025, 0.3734

Previews

White Background



This preview shows how the XYZ color 27.9796, 21.1050, 97.2067 looks on a white background.

Color Contrast Check

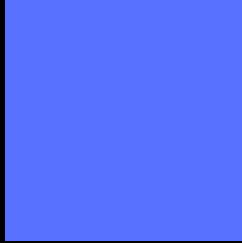
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9796, 21.1050, 97.2067 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 27.9796, 21.1050, 97.2067

Background



This preview shows how black text looks on a background with the XYZ color 27.9796, 21.1050, 97.2067.

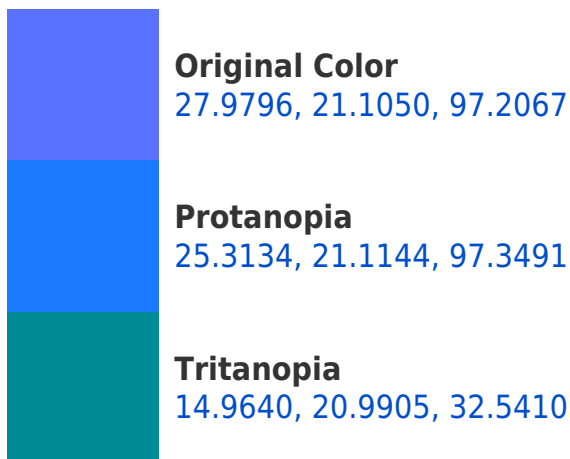


This preview shows how white text looks on a background with the XYZ color 27.9796, 21.1050,

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



Trichromacy



Original Color

27.9796, 21.1050, 97.2067

Protanomaly

25.7951, 20.8298, 97.2688

Tritanomaly

17.7636, 19.9465, 51.0579

Monochromacy



Original Color

27.9796, 21.1050, 97.2067

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.2829, 19.4109, 40.7079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9796, 21.1050, 97.2067 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(88, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(88, 113, 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(88, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 113, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.9796, 21.1050, 97.2067 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(88, 113, 255) }
```

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

```
.border{ border-color:rgb(88, 113, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 113, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(88, 113,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 27.9796, 21.1050, 97.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 113, 255) }
```

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

```
.background{ background-color: rgb(88, 113,  
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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