

Converting Colors

XYZ(27.2965, 19.9198, 97.0140)

Have a look what the booklet for
XYZ(27.2965, 19.9198, 97.0140)
contains.

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Color

**XYZ(27.3430, 19.9714,
97.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	576CFF
RGB	87, 108, 255
RGB Percent	34%, 42%, 100%
CMY	0.6588, 0.5765, 0.0000
CMYK	0.66, 0.58, 0.00, 0.00
HSL	233°, 100%, 67%
HSV	233°, 66%, 100%
XYZ	27.3430, 19.9714, 97.0215
YIQ	118.4790, -59.7030, 41.2650

Conversions

Conversions Part 2

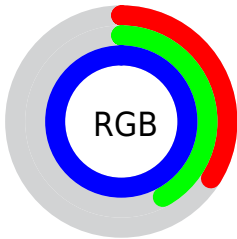
Format	Color
R _Y B	87, 106, 255
Decimal	5729535
CIE Lab	51.80, 37.81, -75.55
CIE LCh	52, 84.483, 296.584
Yxy	19.9714, 0.1894, 0.1384
Android (android.graphics.Color)	4283919615 (0xFF576CFF)
YUV	118.4790, 67.3049, -27.6071
Hunter-Lab	44.6894, 31.0081, -97.4372

Details

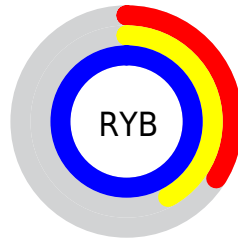
The XYZ color **27.3430, 19.9714, 97.0215** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **72.3859, 80.7987, 20.7993**, and the grayscale version is **17.1799, 18.0746, 19.6833**.

A 20% lighter version of the original color is **43.5850, 38.7886, 99.7975**, and **11.7468, 7.3687, 53.6265** is the 20% darker color. If you saturate the color by 10%, you get **23.3088, 14.8340, 96.2425**, and if you desaturate by 10%, it is **32.8215, 26.7472, 98.0406**.

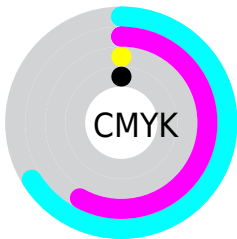
Distribution



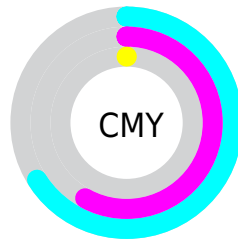
- Red (34%)
- Green (42%)
- Blue (100%)



- Red (34%)
- Yellow (42%)
- Blue (100%)



- Cyan (66%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3430, 19.9714, 97.0215 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 27.3430, 19.9714, 97.0215 by changing the saturation by 10% instead.

■ 27.3430, 19.9714,
97.0215

■ 27.3430, 19.9714,
97.0215

281.4514,
251.7602, 571.7654

■ 17.9689, 12.3743,
73.2125

■ 54.8498, 43.3692,
159.0740

■ 11.0272, 6.9991,
53.6568

■ 73.7132, 59.9387,
198.1545

■ 6.1526, 3.4615,
37.9361

■ 96.4705, 80.2677,
243.1625

■ 2.9796, 1.3772,
25.6316

■ 123.4869,
104.7407, 294.5167

■ 1.1430, 0.1998,
16.3250

155.1278,
133.7421, 352.6356

■ 0.0606, 0.0000,
9.5976

191.7587,

■ 0.0000, 0.0000,

167.6562, 417.9376

5.0309

233.7447,
206.8675, 490.8413

■ 0.0000, 0.0000,
2.2063

■ 0.0000, 0.0000,
0.6780

■ 27.3430, 19.9714,
97.0215

■ 27.3430, 19.9714,
97.0215

■ 23.3088, 14.8340,
96.2425

■ 32.8215, 26.7472,
98.0406

■ 20.5761, 11.1917,
95.6835

■ 39.8631, 35.2848,
99.3174

■ 18.9766, 8.8778,
95.3212

■ 48.5772, 45.6975,
100.8679

■ 18.5629, 8.2457,
95.2210

■ 59.0627, 58.0883,
102.7070

■ 71.4104, 72.5530,
104.8481

■ 85.7053, 89.1810,
107.3042

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.



18.0182, 19.9714, 110.9180



27.3430, 19.9714, 97.0215



36.3045, 19.9714, 59.4116

Triad

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



27.3430, 19.9714, 97.0215



29.5674, 19.9714, 1.3585



6.8355, 19.9714, 19.0558

Complementary

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



27.3430, 19.9714, 97.0215



72.3859, 80.7987, 20.7993

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.



8.2906, 19.9714, 4.7446



27.3430, 19.9714, 97.0215



19.9800, 19.9714, 0.3485

Square

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



27.3430, 19.9714, 97.0215



37.8367, 19.9714, 6.7353



12.5274, 19.9714, 0.9625



7.7387, 19.9714, 50.4018

Rectangle

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



27.3430, 19.9714, 97.0215



39.9187, 19.9714, 34.6201



12.5274, 19.9714, 0.9625



7.0503, 19.9714, 12.5388

Sweetspot

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



27.3439, 19.9719, 97.0215



66.0906, 66.3348, 103.9283



54.3424, 79.4071, 89.2554



13.4095, 13.3351, 22.1171



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.



27.3439, 19.9719, 97.0215



22.3233, 13.5439, 96.0454



33.7815, 20.3904, 96.7630



17.1859, 17.7433, 22.7690



9.7560, 4.4217, 49.7739



1.0048, 0.5403, 4.8646

Inverse Universe

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



47.3557, 29.1606, 17.3201



43.9395, 24.4171, 9.7414



59.5759, 83.5988, 22.0149



18.1017, 18.0240, 19.1528



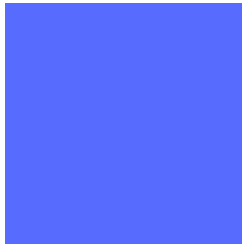
21.7126, 11.1743, 1.8711



2.1418, 1.0991, 0.3280

Previews

White Background



This preview shows how the XYZ color 27.3430, 19.9714, 97.0215 looks on a white background.

Color Contrast Check

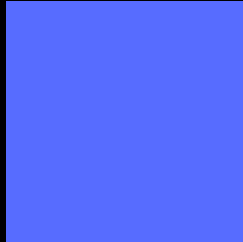
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3430, 19.9714, 97.0215 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 27.3430, 19.9714, 97.0215

Background



This preview shows how black text looks on a background with the XYZ color 27.3430, 19.9714, 97.0215.



This preview shows how white text looks on a background with the XYZ color 27.3430, 19.9714,

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

27.3430, 19.9714, 97.0215

Protanopia

23.8910, 19.9219, 93.8529

Tritanopia

14.0706, 19.7149, 30.6675

Trichromacy



Original Color

27.3430, 19.9714, 97.0215

Protanomaly

24.1837, 19.3700, 94.5596

Tritanomaly

16.9194, 18.7740, 49.1864

Monochromacy



Original Color

27.3430, 19.9714, 97.0215

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1486, 17.9876, 39.5085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3430, 19.9714, 97.0215 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(87, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 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(87, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.3430, 19.9714, 97.0215 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(87, 108, 255) }
```

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

```
.border{ border-color:rgb(87, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 27.3430, 19.9714, 97.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 255) }
```

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

```
.background{ background-color: rgb(87, 108,  
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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