

Converting Colors

XYZ(27.4230, 18.9603, 96.8221)

Have a look what the booklet for
XYZ(27.4230, 18.9603, 96.8221)
contains.

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Color

**XYZ(27.4230, 18.9603,
96.8221)**

Conversions

Conversions Part 1

Format	Color
Hex	5F65FF
RGB	95, 101, 255
RGB Percent	37%, 40%, 100%
CMY	0.6274, 0.6039, 0.0000
CMYK	0.63, 0.60, 0.00, 0.00
HSL	238°, 100%, 69%
HSV	238°, 63%, 100%
XYZ	27.4230, 18.9603, 96.8221
YIQ	116.7620, -53.0100, 46.6220

Conversions

Conversions Part 2

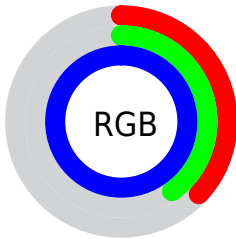
Format	Color
R _Y B	95, 101, 255
Decimal	6252031
CIE Lab	50.64, 43.15, -77.43
CIE LCh	51, 88.637, 299.129
Yxy	18.9603, 0.1915, 0.1324
Android (android.graphics.Color)	4284442111 (0xFF5F65FF)
YUV	116.7620, 68.1513, -19.0853
Hunter-Lab	43.5434, 36.2156, -101.3554

Details

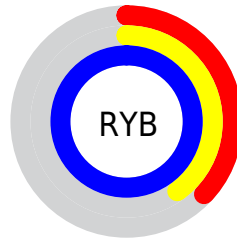
The XYZ color **27.4230, 18.9603, 96.8221** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **77.1842, 89.8429, 24.1019**, and the grayscale version is **16.6440, 17.5108, 19.0692**.

A 20% lighter version of the original color is **43.7754, 37.1501, 99.4712**, and **11.3972, 6.6696, 53.5100** is the 20% darker color. If you saturate the color by 10%, you get **23.1564, 13.7357, 96.0385**, and if you desaturate by 10%, it is **33.2693, 26.0552, 97.8834**.

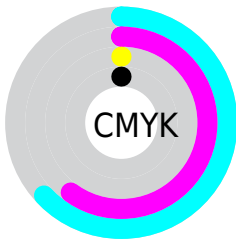
Distribution



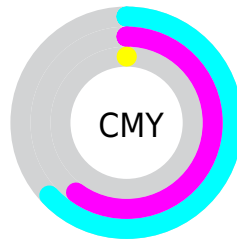
- Red (37%)
- Green (40%)
- Blue (100%)



- Red (37%)
- Yellow (40%)
- Blue (100%)



- Cyan (63%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4230, 18.9603, 96.8221 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 27.4230, 18.9603, 96.8221 by changing the saturation by 10% instead.

■ 27.4230, 18.9603,
96.8221

■ 27.4230, 18.9603,
96.8221

281.8298,
246.2295, 571.1146

■ 18.0294, 11.6416,
73.0472

■ 54.9770, 41.6670,
158.7967

■ 11.0709, 6.5001,
53.5225

■ 73.8681, 57.8238,
197.8334

■ 6.1822, 3.1515,
37.8295

■ 96.6558, 77.6954,
242.7946

■ 2.9979, 1.2113,
25.5496

■ 123.7054,
101.6662, 294.0986

■ 1.1526, 0.0709,
16.2642

155.3822,
130.1206, 352.1641

■ 0.0685, 0.0000,
9.5549

192.0516,

■ 0.0000, 0.0000,

163.4431, 417.4095

5.0032

234.0790,
202.0179, 490.2535

■ 0.0000, 0.0000,
2.1903

■ 0.0000, 0.0000,
0.6688

■ 27.4230, 18.9603,
96.8221

■ 27.4230, 18.9603,
96.8221

■ 23.1564, 13.7357,
96.0385

■ 33.2693, 26.0552,
97.8834

■ 20.3131, 10.2036,
95.5066

■ 40.8263, 35.1733,
99.2451

■ 18.7094, 8.1543,
95.1956

■ 50.2147, 46.4533,
100.9275

■ 18.1537, 7.4273,
95.0846

■ 61.5432, 60.0214,
102.9494

■ 74.9121, 75.9938,
105.3277

■ 90.4150, 94.4792,
108.0787

■ 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.



17.7689, 18.9603, 114.7420



27.4230, 18.9603, 96.8221



36.4680, 18.9603, 56.1440

Triad

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



27.4230, 18.9603, 96.8221



28.0081, 18.9603, 0.7853



5.9577, 18.9603, 19.9269

Complementary

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



27.4230, 18.9603, 96.8221



77.1842, 89.8429, 24.1019

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.



7.1597, 18.9603, 4.5528



27.4230, 18.9603, 96.8221



18.2759, 18.9603, 0.0000

Square

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



27.4230, 18.9603, 96.8221



36.8751, 18.9603, 5.0275



11.0591, 18.9603, 0.6911



7.0235, 18.9603, 53.7292

Rectangle

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



27.4230, 18.9603, 96.8221



39.8710, 18.9603, 31.0298



11.0591, 18.9603, 0.6911



6.1011, 18.9603, 12.8812

Sweetspot

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



27.4239, 18.9608, 96.8221



66.3014, 65.7103, 103.7966



57.2688, 80.6688, 100.5483



13.4071, 13.1273, 22.0771



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.



27.4239, 18.9608, 96.8221



22.3958, 12.7969, 95.8974



38.0803, 23.6220, 97.1602



17.0575, 17.4867, 22.7262



9.5093, 3.9281, 49.6916



0.9442, 0.4192, 4.8444

Inverse Universe

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



47.6820, 30.3856, 15.6639



44.1938, 25.3525, 8.5107



57.3553, 82.4141, 23.7131



18.0369, 17.9981, 18.8117



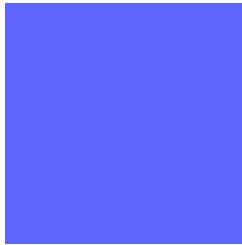
21.5880, 11.1245, 1.2151



2.1112, 1.0869, 0.1671

Previews

White Background



This preview shows how the XYZ color 27.4230, 18.9603, 96.8221 looks on a white background.

Color Contrast Check

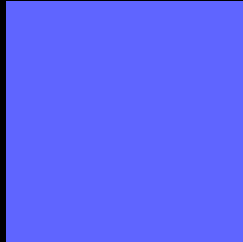
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4230, 18.9603, 96.8221 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 27.4230, 18.9603, 96.8221

Background



This preview shows how black text looks on a background with the XYZ color 27.4230, 18.9603, 96.8221.



This preview shows how white text looks on a background with the XYZ color 27.4230, 18.9603,

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

27.4230, 18.9603, 96.8221

Protanopia

22.6122, 18.8540, 88.8336

Deuteranopia

18.8408, 18.8691, 64.2771



Tritanopia

13.7446, 18.7617, 28.8836

Trichromacy



Original Color

27.4230, 18.9603, 96.8221

Protanomaly

23.3679, 18.3487, 91.9326

Deuteranomaly

20.6890, 18.1648, 75.0888

Tritanomaly

17.0104, 17.9197, 47.9097

Monochromacy



Original Color

27.4230, 18.9603, 96.8221

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.9662, 17.4101, 38.9201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4230, 18.9603, 96.8221 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(95, 101, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 101, 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(95, 101, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 101, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.4230, 18.9603, 96.8221 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(95, 101, 255) }
```


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

```
.border{ border-color:rgb(95, 101, 255) }
```

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

Here you see how a box with a 4 pixel rgb(95, 101, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 101, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 101, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 101,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4230, 18.9603, 96.8221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 101, 255) }
```

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

```
.background{ background-color: rgb(95, 101,  
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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