

Converting Colors

XYZ(27.0064, 18.1546, 96.6885)

Have a look what the booklet for
XYZ(27.0064, 18.1546, 96.6885)
contains.

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Color

**XYZ(27.0440, 18.2023,
96.6958)**

Conversions

Conversions Part 1

Format	Color
Hex	5F61FF
RGB	95, 97, 255
RGB Percent	37%, 38%, 100%
CMY	0.6274, 0.6196, 0.0000
CMYK	0.63, 0.62, 0.00, 0.00
HSL	239°, 100%, 69%
HSV	239°, 63%, 100%
XYZ	27.0440, 18.2023, 96.6958
YIQ	114.4140, -51.9100, 48.7140

Conversions

Conversions Part 2

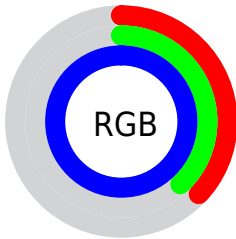
Format	Color
R_{YB}	95, 97, 255
Decimal	6251007
CIE _{Lab}	49.74, 45.50, -78.90
CIE _{LCh}	50, 91.074, 299.972
Yxy	18.2023, 0.1905, 0.1282
Android (android.graphics.Color)	4284441087 (0xFF5F61FF)
YUV	114.4140, 69.3089, -17.0261
Hunter-Lab	42.6642, 38.4855, -104.5124

Details

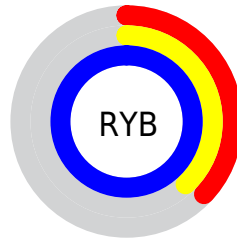
The XYZ color **27.0440, 18.2023, 96.6958** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **78.4339, 92.3424, 24.5185**, and the grayscale version is **15.9289, 16.7584, 18.2499**.

A 20% lighter version of the original color is **43.1371, 35.8734, 99.2584**, and **11.2186, 6.3124, 53.4505** is the 20% darker color. If you saturate the color by 10%, you get **22.8460, 13.1150, 95.9351**, and if you desaturate by 10%, it is **32.8484, 25.2135, 97.7431**.

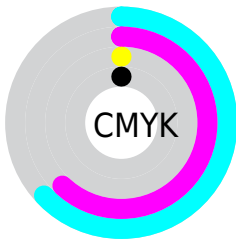
Distribution



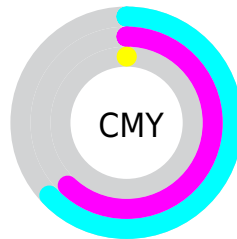
- Red (37%)
- Green (38%)
- Blue (100%)



- Red (37%)
- Yellow (38%)
- Blue (100%)



- Cyan (63%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0440, 18.2023, 96.6958 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 27.0440, 18.2023, 96.6958 by changing the saturation by 10% instead.

■ 27.0440, 18.2023,
96.6958

■ 27.0440, 18.2023,
96.6958

280.0338,
242.0088, 570.7022

■ 17.7430, 11.0953,
72.9425

■ 54.3739, 40.3817,
158.6210

■ 10.8642, 6.1310,
53.4374

■ 73.1334, 56.2230,
197.6301

■ 6.0422, 2.9249,
37.7620

■ 95.7766, 75.7445,
242.5614

■ 2.9117, 1.0926,
25.4976

■ 122.6688, 99.3305,
293.8337

■ 1.1072, 0.0000,
16.2258

154.1752,
127.3656, 351.8653

■ 0.0312, 0.0000,
9.5280

190.6612,

■ 0.0000, 0.0000,

160.2341, 417.0749

4.9857

232.4923,
198.3204, 489.8810

■ 0.0000, 0.0000,
2.1803

■ 0.0000, 0.0000,
0.6629

■ 27.0440, 18.2023,
96.6958

■ 27.0440, 18.2023,
96.6958

■ 22.8460, 13.1150,
95.9351

■ 32.8484, 25.2135,
97.7431

■ 20.0910, 9.7596,
95.4326

■ 40.3962, 34.3129,
99.1017

■ 18.5856, 7.9066,
95.1543

■ 49.8126, 45.6491,
100.7935

■ 18.0845, 7.2889,
95.0615

■ 61.2107, 59.3565,
102.8385

■ 74.6946, 75.5589,
105.2552

■ 90.3612, 94.3716,
108.0607

■ 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.



17.2925, 18.2023, 116.2625



27.0440, 18.2023, 96.6958



36.1348, 18.2023, 54.6289

Triad

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



27.0440, 18.2023, 96.6958



27.0633, 18.2023, 0.4831



5.4063, 18.2023, 19.7955

Complementary

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



27.0440, 18.2023, 96.6958



78.4339, 92.3424, 24.5185

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.



6.5043, 18.2023, 4.2362



27.0440, 18.2023, 96.6958



17.3090, 18.2023, 0.0000

Square

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



27.0440, 18.2023, 96.6958



36.1483, 18.2023, 4.2509



10.2336, 18.2023, 0.4799



6.5000, 18.2023, 54.5481

Rectangle

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



27.0440, 18.2023, 96.6958



39.4748, 18.2023, 29.3569



10.2336, 18.2023, 0.4799



5.5245, 18.2023, 12.6096

Sweetspot

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



27.0449, 18.2027, 96.6958



66.0065, 65.1205, 103.6983



58.1038, 81.0028, 104.9455



13.3377, 12.9886, 22.0540



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.



27.0449, 18.2027, 96.6958



22.1040, 12.2133, 95.8001



39.2305, 24.2149, 97.2140



17.0212, 17.4139, 22.7141



9.4574, 3.8243, 49.6743



0.9269, 0.3846, 4.8386

Inverse Universe

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



47.4906, 30.3090, 14.6564



44.0465, 25.2935, 7.7351



56.1106, 81.7725, 23.6548



18.0186, 17.9907, 18.7150



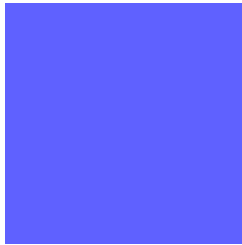
21.5618, 11.1140, 1.0771



2.1025, 1.0834, 0.1211

Previews

White Background



This preview shows how the XYZ color 27.0440, 18.2023, 96.6958 looks on a white background.

Color Contrast Check

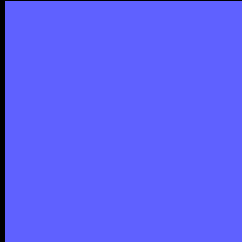
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.0440, 18.2023, 96.6958 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 27.0440, 18.2023, 96.6958

Background



This preview shows how black text looks on a background with the XYZ color 27.0440, 18.2023, 96.6958.



This preview shows how white text looks on a background with the XYZ color 27.0440, 18.2023,

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

27.0440, 18.2023, 96.6958

Protanopia

21.6333, 18.1015, 84.7918

Deuteranopia

18.0999, 18.1797, 61.5866



Tritanopia

13.1683, 18.0917, 27.6090

Trichromacy



Original Color

27.0440, 18.2023, 96.6958



Protanomaly

22.4323, 17.4653, 88.5750



Deuteranomaly

19.9419, 17.3275, 72.8145



Tritanomaly

16.3381, 17.0643, 46.6886

Monochromacy



Original Color

27.0440, 18.2023, 96.6958



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.2175, 16.5675, 37.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0440, 18.2023, 96.6958 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, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 97, 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, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 97, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.0440, 18.2023, 96.6958 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, 97, 255) }
```


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

```
.border{ border-color:rgb(95, 97, 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, 97, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 97,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0440, 18.2023, 96.6958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 97, 255) }
```

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

```
.background{ background-color: rgb(95, 97,  
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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