

Converting Colors

XYZ(27.6004, 18.5121, 96.7262)

Have a look what the booklet for
XYZ(27.6004, 18.5121, 96.7262)
contains.

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Color

**XYZ(27.5802, 18.4787,
96.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	6461FF
RGB	100, 97, 255
RGB Percent	39%, 38%, 100%
CMY	0.6078, 0.6196, 0.0000
CMYK	0.61, 0.62, 0.00, 0.00
HSL	241°, 100%, 69%
HSV	241°, 62%, 100%
XYZ	27.5802, 18.4787, 96.7209
YIQ	115.9090, -48.9300, 49.7740

Conversions

Conversions Part 2

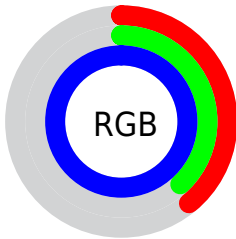
Format	Color
R _Y B	100, 97, 255
Decimal	6578687
CIE _{Lab}	50.07, 46.23, -78.34
CIE _{LCh}	50, 90.964, 300.545
Y _{xy}	18.4787, 0.1932, 0.1294
Android (android.graphics.Color)	4284768767 (0xFF6461FF)
YUV	115.9090, 68.5719, -13.9522
Hunter-Lab	42.9869, 39.2979, -103.3123

Details

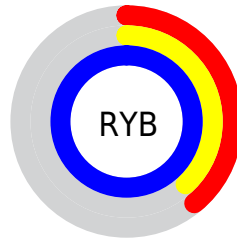
The XYZ color **27.5802, 18.4787, 96.7209** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **78.0596, 93.0770, 25.1607**, and the grayscale version is **16.3812, 17.2343, 18.7681**.

A 20% lighter version of the original color is **43.9497, 36.2923, 99.2965**, and **11.2186, 6.3124, 53.4505** is the 20% darker color. If you saturate the color by 10%, you get **23.2363, 13.2859, 95.9475**, and if you desaturate by 10%, it is **33.5318, 25.6238, 97.7863**.

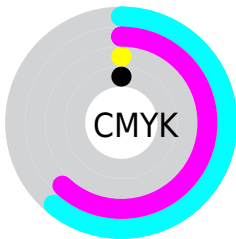
Distribution



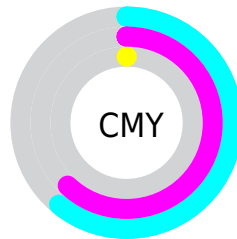
- Red (39%)
- Green (38%)
- Blue (100%)



- Red (39%)
- Yellow (38%)
- Blue (100%)



- Cyan (61%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5802, 18.4787, 96.7209 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 27.5802, 18.4787, 96.7209 by changing the saturation by 10% instead.

■ 27.5802, 18.4787,
96.7209

■ 27.5802, 18.4787,
96.7209

282.5721,
243.5556, 570.7842

■ 18.1483, 11.2942,
72.9633

■ 55.2269, 40.8513,
158.6559

■ 11.1568, 6.2651,
53.4543

■ 74.1723, 56.8083,
197.6705

■ 6.2405, 3.0069,
37.7754

■ 97.0196, 76.4582,
242.6078

■ 3.0339, 1.1354,
25.5079

■ 124.1342,
100.1854, 293.8863

■ 1.1717, 0.0079,
16.2334

155.8814,
128.3744, 351.9247

■ 0.0839, 0.0000,
9.5333

192.6265,

■ 0.0000, 0.0000,

161.4094, 417.1414

4.9891

234.7350,
199.6751, 489.9551

■ 0.0000, 0.0000,
2.1823

■ 0.0000, 0.0000,
0.6641

■ 27.5802, 18.4787,
96.7209

■ 27.5802, 18.4787,
96.7209

■ 23.2363, 13.2859,
95.9475

■ 33.5318, 25.6238,
97.7863

■ 20.3413, 9.8516,
95.4372

■ 41.2244, 34.8873,
99.1689

■ 18.7091, 7.9444,
95.1551

■ 50.7804, 46.4191,
100.8911

■ 18.1108, 7.2513,
95.0528

■ 62.3104, 60.3552,
102.9734

■ 75.9167, 76.8209,
105.4344

■ 91.6940, 95.9327,
108.2918

■ 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.



17.7241, 18.4787, 117.0439



27.5802, 18.4787, 96.7209



36.6713, 18.4787, 54.3456

Triad

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



27.5802, 18.4787, 96.7209



27.2070, 18.4787, 0.4980



5.5373, 18.4787, 20.5825

Complementary

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



27.5802, 18.4787, 96.7209



78.0596, 93.0770, 25.1607

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.



6.6070, 18.4787, 4.5075



27.5802, 18.4787, 96.7209



17.4037, 18.4787, 0.0000

Square

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



27.5802, 18.4787, 96.7209



36.4103, 18.4787, 4.2206



10.3236, 18.4787, 0.5586



6.6908, 18.4787, 55.9015

Rectangle

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



27.5802, 18.4787, 96.7209



39.9443, 18.4787, 29.1215



10.3236, 18.4787, 0.5586



5.6435, 18.4787, 13.1959

Sweetspot

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



27.5811, 18.4791, 96.7209



66.1183, 64.9614, 103.6617



57.9054, 79.6127, 106.9226



13.3640, 12.9512, 22.0454



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.



27.5811, 18.4791, 96.7209



22.5338, 12.4497, 95.8231



40.8304, 25.3094, 97.3409



17.0350, 17.3942, 22.7095



9.4771, 3.7961, 49.6678



0.9335, 0.3752, 4.8365

Inverse Universe

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



63.0841, 36.8371, 95.8741



60.6827, 32.1823, 94.6174



55.2324, 81.3092, 24.0924



18.7769, 18.2941, 22.7082



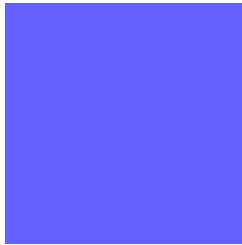
30.5838, 14.7228, 48.5860



2.9824, 1.4353, 4.7548

Previews

White Background



This preview shows how the XYZ color 27.5802, 18.4787, 96.7209 looks on a white background.

Color Contrast Check

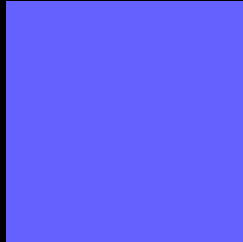
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5802, 18.4787, 96.7209 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 27.5802, 18.4787, 96.7209

Background



This preview shows how black text looks on a background with the XYZ color 27.5802, 18.4787, 96.7209.



This preview shows how white text looks on a background with the XYZ color 27.5802, 18.4787,

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

27.5802, 18.4787, 96.7209

Protanopia

22.0443, 18.4454, 86.4029

Tritanopia

13.7550, 18.3942, 27.6364

Trichromacy



Original Color

27.5802, 18.4787, 96.7209

Protanomaly

22.8786, 17.8156, 90.2286

Tritanomaly

17.0363, 17.4243, 46.7213

Monochromacy



Original Color

27.5802, 18.4787, 96.7209

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.8741, 17.0423, 38.8539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5802, 18.4787, 96.7209 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(100, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 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(100, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 97, 255) }
```

Border

The CSS property to change the border of an element to XYZ 27.5802, 18.4787, 96.7209 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(100, 97, 255) }
```

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

```
.border{ border-color:rgb(100, 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(100, 97, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 97,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 27.5802, 18.4787, 96.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 97, 255) }
```

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

```
.background{ background-color: rgb(100, 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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