

Converting Colors

XYZ(27.4469, 18.6967, 95.6292)

Have a look what the booklet for
XYZ(27.4469, 18.6967, 95.6292)
contains.

XYZ(27.4968, 18.7321, 95.9323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(27.4968, 18.7321,
95.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	6363FE
RGB	99, 99, 254
RGB Percent	39%, 39%, 100%
CMY	0.6117, 0.6118, 0.0039
CMYK	0.61, 0.61, 0.00, 0.00
HSL	240°, 99%, 69%
HSV	240°, 61%, 100%
XYZ	27.4968, 18.7321, 95.9323
YIQ	116.6700, -49.7550, 48.2050

Conversions

Conversions Part 2

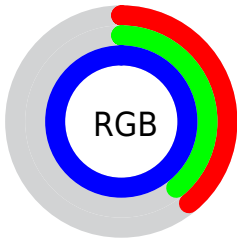
Format	Color
R _Y B	99, 99, 254
Decimal	6513662
CIE Lab	50.37, 44.60, -77.30
CIE LCh	50, 89.243, 299.984
Yxy	18.7321, 0.1934, 0.1318
Android (android.graphics.Color)	4284703742 (0xFF6363FE)
YUV	116.6700, 67.7037, -15.4966
Hunter-Lab	43.2806, 37.6626, -101.1210

Details

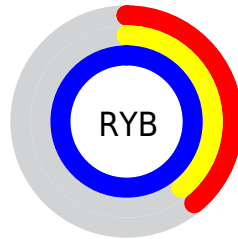
The XYZ color **27.4968, 18.7321, 95.9323** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **78.5645, 92.8542, 25.5863**, and the grayscale version is **16.6163, 17.4817, 19.0375**.

A 20% lighter version of the original color is **44.0606, 36.8192, 99.3923**, and **11.1918, 6.4415, 52.8780** is the 20% darker color. If you saturate the color by 10%, you get **23.1057, 13.4405, 95.1428**, and if you desaturate by 10%, it is **33.5185, 25.9871, 97.0157**.

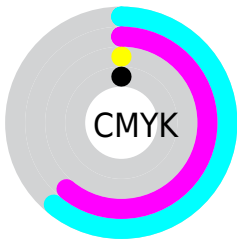
Distribution



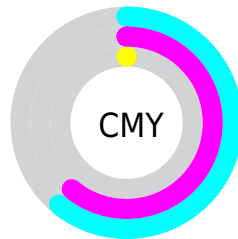
- Red (39%)
- Green (39%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4968, 18.7321, 95.9323 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 27.4968, 18.7321, 95.9323 by changing the saturation by 10% instead.

■ 27.4968, 18.7321,
95.9323

■ 27.4968, 18.7321,
95.9323

282.1784,
244.9658, 568.2058

■ 18.0852, 11.4769,
72.3100

■ 55.0943, 41.2809,
157.5586

■ 11.1112, 6.3885,
52.9236

■ 74.0110, 57.3433,
196.3997

■ 6.2095, 3.0827,
37.3545

■ 96.8267, 77.1102,
241.1509

■ 3.0148, 1.1751,
25.1841

■ 123.9068,
100.9659, 292.2306

■ 1.1616, 0.0412,
15.9940

155.6167,
129.2950, 350.0574

■ 0.0757, 0.0000,
9.3656

192.3217,

■ 0.0000, 0.0000,

162.4817, 415.0498

4.8804

234.3871,
200.9105, 487.6264

■ 0.0000, 0.0000,
2.1197

■ 0.0000, 0.0000,
0.6275

■ 27.4968, 18.7321,
95.9323

■ 27.4968, 18.7321,
95.9323

■ 23.1057, 13.4405,
95.1428

■ 33.5185, 25.9871,
97.0157

■ 20.1835, 9.9196,
94.6172

■ 41.3059, 35.3704,
98.4165

■ 18.5410, 7.9406,
94.3218

■ 50.9835, 47.0314,
100.1572

■ 17.8896, 7.1559,
94.2047

■ 62.6639, 61.1055,
102.2582

■ 76.4505, 77.7178,
104.7380

■ 92.4400, 96.9843,
107.6141

■ 94.8895, 99.9358,
108.0547

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.7997, 18.7321, 115.0006



27.4968, 18.7321, 95.9323



36.4792, 18.7321, 54.7894

Triad

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



27.4968, 18.7321, 95.9323



27.5074, 18.7321, 0.6694



5.7996, 18.7321, 20.3830

Complementary

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



27.4968, 18.7321, 95.9323



78.5645, 92.8542, 25.5863

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.



6.9231, 18.7321, 4.6270



27.4968, 18.7321, 95.9323



17.8089, 18.7321, 0.0000

Square

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



27.4968, 18.7321, 95.9323



36.4866, 18.7321, 4.6354



10.7081, 18.7321, 0.6677



6.9207, 18.7321, 54.7456

Rectangle

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



27.4968, 18.7321, 95.9323



39.7685, 18.7321, 29.8716



10.7081, 18.7321, 0.6677



5.9207, 18.7321, 13.1718

Sweetspot

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



27.4978, 18.7326, 95.9328



67.1985, 66.4403, 103.8903



58.4771, 80.6924, 106.2595



13.5631, 13.2327, 22.0893



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.



27.4978, 18.7326, 95.9328



22.6132, 12.7179, 95.8707



40.3692, 25.3680, 96.5352



17.0032, 17.3779, 22.7080



9.4316, 3.7727, 49.6657



0.9184, 0.3673, 4.8358

Inverse Universe

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



63.2233, 37.1499, 97.5982



61.4074, 32.7172, 97.6783



55.7120, 81.0733, 24.5168



18.7927, 18.3004, 22.7916



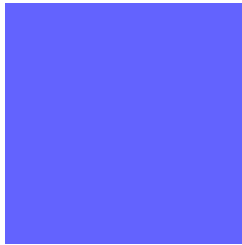
30.9792, 14.8810, 50.6685



3.0164, 1.4489, 4.9335

Previews

White Background



This preview shows how the XYZ color 27.4968, 18.7321, 95.9323 looks on a white background.

Color Contrast Check

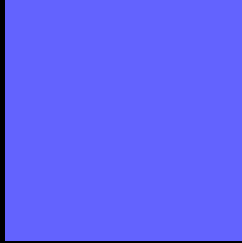
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4968, 18.7321, 95.9323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

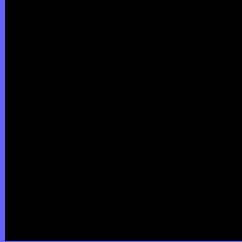
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.4968, 18.7321, 95.9323

Background



This preview shows how black text looks on a background with the XYZ color 27.4968, 18.7321, 95.9323.

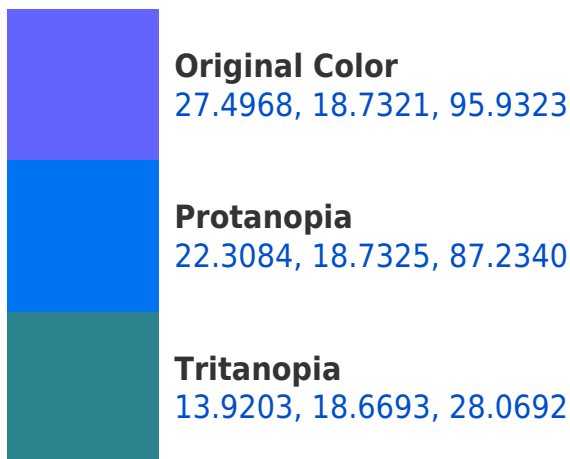


This preview shows how white text looks on a background with the XYZ color 27.4968, 18.7321,

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

27.4968, 18.7321, 95.9323



Protanomaly

22.9847, 18.0277, 90.2640



Tritanomaly

17.0902, 17.6278, 46.7577

Monochromacy



Original Color

27.4968, 18.7321, 95.9323



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

18.9814, 17.2569, 38.8897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4968, 18.7321, 95.9323 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(99, 99, 254)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 254)  
}
```

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(99, 99, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 254) }
```

Border

The CSS property to change the border of an element to XYZ 27.4968, 18.7321, 95.9323 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(99, 99, 254) }
```

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

```
.border{ border-color:rgb(99, 99, 254) }
```

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

Here you see how a box with a 4 pixel rgb(99, 99, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 254);  
box-shadow:4px 4px 4px 4px rgb(99, 99,  
254) }
```


Background

The CSS property to change the background color of an element to XYZ 27.4968, 18.7321, 95.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 99, 254) }
```

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

```
.background{ background-color: rgb(99, 99,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor