

Converting Colors

XYZ(25.4131, 18.0427, 96.7509)

Have a look what the booklet for
XYZ(25.4131, 18.0427, 96.7509)
contains.

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Color

**XYZ(25.3999, 18.0623,
96.7554)**

Conversions

Conversions Part 1

Format	Color
Hex	4766FF
RGB	71, 102, 255
RGB Percent	28%, 40%, 100%
CMY	0.7215, 0.6000, 0.0000
CMYK	0.72, 0.60, 0.00, 0.00
HSL	230°, 100%, 64%
HSV	230°, 72%, 100%
XYZ	25.3999, 18.0623, 96.7554
YIQ	110.1730, -67.5890, 41.0110

Conversions

Conversions Part 2

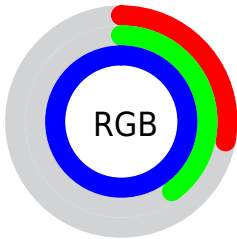
Format	Color
R _Y B	71, 98, 255
Decimal	4679423
CIE Lab	49.57, 39.42, -79.23
CIE LCh	50, 88.492, 296.455
Yxy	18.0623, 0.1811, 0.1288
Android (android.graphics.Color)	4282869503 (0xFF4766FF)
YUV	110.1730, 71.3997, -34.3547
Hunter-Lab	42.4998, 32.3056, -105.2304

Details

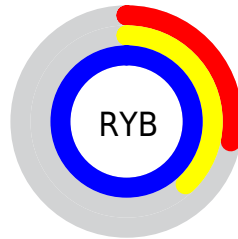
The XYZ color **25.3999, 18.0623, 96.7554** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **69.0371, 75.0337, 16.8077**, and the grayscale version is **14.6874, 15.4523, 16.8275**.

A 20% lighter version of the original color is **40.4257, 35.6652, 99.3611**, and **11.4922, 6.8596, 53.5416** is the 20% darker color. If you saturate the color by 10%, you get **22.0820, 13.6439, 96.0774**, and if you desaturate by 10%, it is **30.0364, 23.9515, 97.6477**.

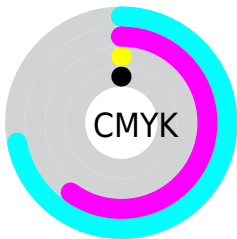
Distribution



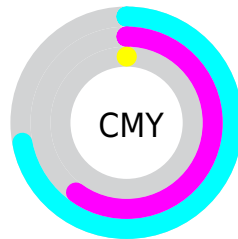
- Red (28%)
- Green (40%)
- Blue (100%)



- Red (28%)
- Yellow (38%)
- Blue (100%)



- Cyan (72%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3999, 18.0623, 96.7554 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 25.3999, 18.0623, 96.7554 by changing the saturation by 10% instead.

■ 25.3999, 18.0623,
96.7554

■ 25.3999, 18.0623,
96.7554

272.1347,
241.2220, 570.8968

■ 16.5056, 10.9947,
72.9919

■ 51.7435, 40.1435,
158.7039

■ 9.9757, 6.0633,
53.4776

■ 69.9234, 55.9258,
197.7260

■ 5.4450, 2.8836,
37.7938

■ 91.9293, 75.3819,
242.6714

■ 2.5481, 1.0713,
25.5221

■ 118.1264, 98.8961,
293.9587

■ 0.9196, 0.0000,
16.2439

148.8802,
126.8528, 352.0063

■ 0.0000, 0.0000,
9.5407

184.5559,

■ 0.0000, 0.0000,

159.6364, 417.2328

4.9939

225.5189,
197.6314, 490.0568

■ 0.0000, 0.0000,
2.1850

■ 0.0000, 0.0000,
0.6657

■ 25.3999, 18.0623,
96.7554

■ 25.3999, 18.0623,
96.7554

■ 22.0820, 13.6439,
96.0774

■ 30.0364, 23.9515,
97.6477

■ 19.9331, 10.5576,
95.5950

■ 36.1134, 31.4295,
98.7709

■ 18.9119, 8.9438,
95.3373

■ 43.7412, 40.6034,
100.1396

■ 53.0188, 51.5704,
101.7674

■ 64.0364, 64.4202,
103.6670

■ 76.8779, 79.2363,
105.8500

■ 91.6216, 96.0973,
108.3274

■ 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.



16.1897, 18.0623, 111.1479



25.3999, 18.0623, 96.7554



34.4195, 18.0623, 57.8167

Triad

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



25.3999, 18.0623, 96.7554



27.7092, 18.0623, 0.8190



5.5787, 18.0623, 16.9469

Complementary

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



25.3999, 18.0623, 96.7554



69.0371, 75.0337, 16.8077

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.



6.9300, 18.0623, 3.5937



25.3999, 18.0623, 96.7554



18.1843, 18.0623, 0.0000

Square

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



25.3999, 18.0623, 96.7554



36.0295, 18.0623, 5.4334



10.9394, 18.0623, 0.4364



6.3995, 18.0623, 48.2481

Rectangle

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



25.3999, 18.0623, 96.7554



38.1005, 18.0623, 32.5875



10.9394, 18.0623, 0.4364



5.7785, 18.0623, 10.7120

Sweetspot

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



25.4008, 18.0627, 96.7554



64.2175, 64.6301, 103.6980



51.4465, 78.0949, 80.9570



13.0663, 13.0451, 22.0792



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.



25.4008, 18.0627, 96.7554



20.9044, 11.9906, 95.8204



29.3992, 16.4169, 96.2270



17.2502, 17.8719, 22.7904



9.9537, 4.8170, 49.8397



1.0350, 0.6007, 4.8747

Inverse Universe

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



45.8923, 26.7274, 15.3103



42.9098, 22.8048, 8.0198



59.8550, 83.8100, 18.9857



18.1342, 18.0370, 19.3237



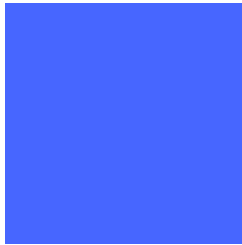
21.8124, 11.2142, 2.3964



2.1570, 1.1052, 0.4083

Previews

White Background



This preview shows how the XYZ color 25.3999, 18.0623, 96.7554 looks on a white background.

Color Contrast Check

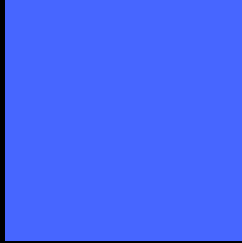
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3999, 18.0623, 96.7554 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 25.3999, 18.0623, 96.7554

Background



This preview shows how black text looks on a background with the XYZ color 25.3999, 18.0623, 96.7554.



This preview shows how white text looks on a background with the XYZ color 25.3999, 18.0623,

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

25.3999, 18.0623, 96.7554

Protanopia

21.4851, 18.0422, 84.0115

Deuteranopia

17.7359, 17.8407, 60.2664



Tritanopia

12.6428, 17.8293, 27.2012

Trichromacy



Original Color

25.3999, 18.0623, 96.7554

Protanomaly

22.3761, 17.7495, 88.6328

Deuteranomaly

19.6504, 17.3576, 72.1267

Tritanomaly

15.4830, 16.9887, 46.1792

Monochromacy



Original Color

25.3999, 18.0623, 96.7554

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

16.6924, 15.6465, 36.7906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3999, 18.0623, 96.7554 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(71, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(71, 102, 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(71, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 102, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.3999, 18.0623, 96.7554 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(71, 102, 255) }
```


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

```
.border{ border-color:rgb(71, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 102,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3999, 18.0623, 96.7554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 102, 255) }
```

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

```
.background{ background-color: rgb(71, 102,  
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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