

Converting Colors

XYZ(26.5190, 17.9906, 93.4835)

Have a look what the booklet for
XYZ(26.5190, 17.9906, 93.4835)
contains.

XYZ(26.5112, 18.0012, 93.3441)	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>	31

Color

**XYZ(26.5112, 18.0012,
93.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	6061FB
RGB	96, 97, 251
RGB Percent	38%, 38%, 98%
CMY	0.6235, 0.6196, 0.0157
CMYK	0.62, 0.61, 0.00, 0.02
HSL	240°, 95%, 68%
HSV	240°, 62%, 98%
XYZ	26.5112, 18.0012, 93.3441
YIQ	114.2570, -50.0300, 47.6820

Conversions

Conversions Part 2

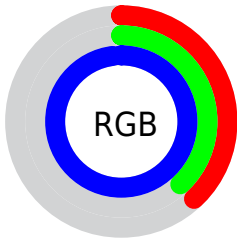
Format	Color
R _Y B	96, 97, 251
Decimal	6316539
CIE Lab	49.50, 44.37, -77.07
CIE LCh	49, 88.927, 299.931
Yxy	18.0012, 0.1923, 0.1306
Android (android.graphics.Color)	4284506619 (0xFF6061FB)
YUV	114.2570, 67.4143, -16.0114
Hunter-Lab	42.4278, 37.2878, -100.7426

Details

The XYZ color **26.5112, 18.0012, 93.3441** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **76.0844, 89.7315, 24.3784**, and the grayscale version is **15.8870, 16.7144, 18.2020**.

A 20% lighter version of the original color is **43.1371, 35.8734, 99.2584**, and **10.7662, 6.1315, 51.0681** is the 20% darker color. If you saturate the color by 10%, you get **22.3258, 12.9437, 92.5890**, and if you desaturate by 10%, it is **32.2652, 24.9421, 94.3810**.

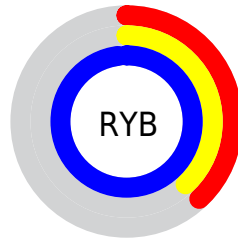
Distribution



Red (38%)

Green (38%)

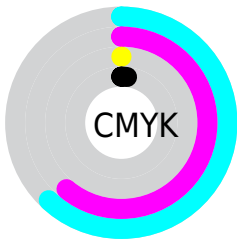
Blue (98%)



Red (38%)

Yellow (38%)

Blue (98%)

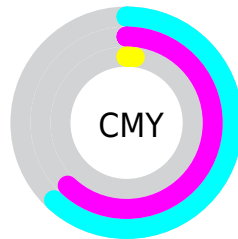


Cyan (62%)

Magenta (61%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (62%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5112, 18.0012, 93.3441 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 26.5112, 18.0012, 93.3441 by changing the saturation by 10% instead.

■ 26.5112, 18.0012,
93.3441

■ 26.5112, 18.0012,
93.3441

277.4935,
240.8778, 559.6984

■ 17.3411, 10.9508,
70.1683

■ 53.5239, 40.0394,
153.9507

■ 10.5748, 6.0338,
51.1861

■ 72.0973, 55.7960,
192.2187

■ 5.8469, 2.8656,
35.9790

■ 94.5359, 75.2235,
236.3544

■ 2.7920, 1.0620,
24.1284

■ 121.2050, 98.7062,
286.7764

■ 1.0447, 0.0000,
15.2158

152.4699,
126.6286, 343.9032

■ 0.0000, 0.0000,
8.8227

188.6961,

■ 0.0000, 0.0000,

159.3751, 408.1535

4.5305

230.2488,
197.3300, 479.9457

■ 0.0000, 0.0000,
1.9206

■ 0.0000, 0.0000,
0.5058

■ 26.5112, 18.0012,
93.3441

■ 26.5112, 18.0012,
93.3441

■ 22.3258, 12.9437,
92.5890

■ 32.2652, 24.9421,
94.3810

■ 19.5521, 9.5841,
92.0867

■ 39.7189, 33.9250,
95.7221

■ 18.0062, 7.7021,
91.8049

■ 48.9927, 45.0938,
97.3891

■ 17.4301, 6.9999,
91.6997

■ 60.1956, 58.5786,
99.4014

■ 73.4279, 74.4995,
101.7770

■ 88.7829, 92.9683,
104.5326

■ 94.4127, 99.7451,
105.5439

Harmonies

Analogous

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



17.0902, 18.0012, 111.9396



26.5112, 18.0012, 93.3441



35.2628, 18.0012, 53.1583

Triad

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



26.5112, 18.0012, 93.3441



26.5562, 18.0012, 0.5859



5.4996, 18.0012, 19.5447

Complementary

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



26.5112, 18.0012, 93.3441



76.0844, 89.7315, 24.3784

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.



6.5850, 18.0012, 4.3499



26.5112, 18.0012, 93.3441



17.1290, 18.0012, 0.0000

Square

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



26.5112, 18.0012, 93.3441



35.2943, 18.0012, 4.3853



10.2438, 18.0012, 0.5785



6.5748, 18.0012, 52.9713

Rectangle

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



26.5112, 18.0012, 93.3441



38.4763, 18.0012, 28.8613



10.2438, 18.0012, 0.5785



5.6172, 18.0012, 12.5682

Sweetspot

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



26.5122, 18.0017, 93.3446



65.9354, 64.9783, 103.6746



56.3303, 78.2853, 101.2885



13.3210, 12.9551, 22.0484



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.



26.5122, 18.0017, 93.3446



22.3544, 12.4634, 95.8352



38.3739, 23.9816, 93.8737



16.2920, 16.6608, 21.7425



9.1659, 3.6873, 48.2022



0.8519, 0.3476, 4.4654

Inverse Universe

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



46.1252, 29.7398, 14.6184



44.2342, 25.6029, 8.0006



54.5335, 79.0798, 23.4582



17.2492, 17.2270, 17.9019



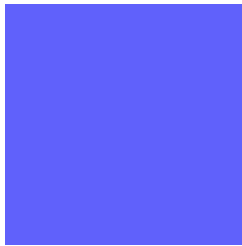
20.9185, 10.7831, 1.0135



1.9389, 0.9993, 0.1019

Previews

White Background



This preview shows how the XYZ color 26.5112, 18.0012, 93.3441 looks on a white background.

Color Contrast Check

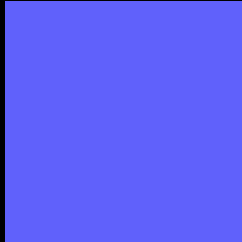
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5112, 18.0012, 93.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

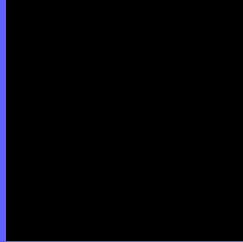
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5112, 18.0012, 93.3441

Background



This preview shows how black text looks on a background with the XYZ color 26.5112, 18.0012, 93.3441.



This preview shows how white text looks on a background with the XYZ color 26.5112, 18.0012,

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

26.5112, 18.0012, 93.3441

Protanopia

21.4851, 18.0422, 84.0115

Deuteranopia

17.8570, 17.8892, 60.9043



Tritanopia

13.2734, 17.9579, 27.1927

Trichromacy



Original Color

26.5112, 18.0012, 93.3441



Protanomaly

22.1285, 17.3438, 86.9754



Deuteranomaly

19.6721, 17.2196, 71.3941



Tritanomaly

16.3444, 16.9174, 45.5840

Monochromacy



Original Color

26.5112, 18.0012, 93.3441



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

18.1268, 16.5313, 37.3574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5112, 18.0012, 93.3441 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(96, 97, 251)` looks like.

```
.text, #text, p{  
    color:rgb(96, 97, 251)  
}
```

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(96, 97, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 97, 251) }
```

Border

The CSS property to change the border of an element to XYZ 26.5112, 18.0012, 93.3441 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(96, 97, 251) }
```


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

```
.border{ border-color:rgb(96, 97, 251) }
```

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

Here you see how a box with a 4 pixel rgb(96, 97, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 97, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 97, 251);  
box-shadow:4px 4px 4px 4px rgb(96, 97,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5112, 18.0012, 93.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 97, 251) }
```

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

```
.background{ background-color: rgb(96, 97,  
251) }
```

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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