

Converting Colors

XYZ(26.1478, 18.5732, 96.8146)

Have a look what the booklet for
XYZ(26.1478, 18.5732, 96.8146)
contains.

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Color

**XYZ(26.1247, 18.5828,
96.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	4F67FF
RGB	79, 103, 255
RGB Percent	31%, 40%, 100%
CMY	0.6902, 0.5961, 0.0000
CMYK	0.69, 0.60, 0.00, 0.00
HSL	232°, 100%, 65%
HSV	232°, 69%, 100%
XYZ	26.1247, 18.5828, 96.8177
YIQ	113.1520, -63.0960, 42.1840

Conversions

Conversions Part 2

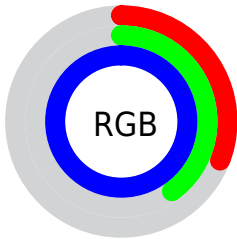
Format	Color
R _Y B	79, 100, 255
Decimal	5203967
CIE _{Lab}	50.20, 39.77, -78.19
CIE _{LCh}	50, 87.723, 296.958
Yxy	18.5828, 0.1846, 0.1313
Android (android.graphics.Color)	4283394047 (0xFF4F67FF)
YUV	113.1520, 69.9311, -29.9513
Hunter-Lab	43.1078, 32.7382, -102.9867

Details

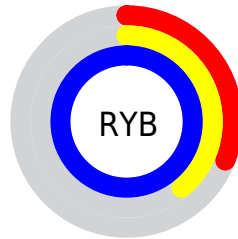
The XYZ color **26.1247, 18.5828, 96.8177** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **71.2306, 78.9825, 18.8901**, and the grayscale version is **15.5548, 16.3649, 17.8213**.

A 20% lighter version of the original color is **41.6382, 36.5342, 99.4650**, and **11.5412, 6.9575, 53.5580** is the 20% darker color. If you saturate the color by 10%, you get **22.4858, 13.8721, 96.1002**, and if you desaturate by 10%, it is **31.1551, 24.8670, 97.7655**.

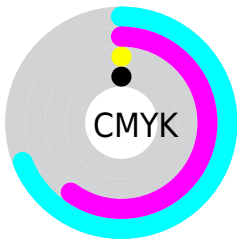
Distribution



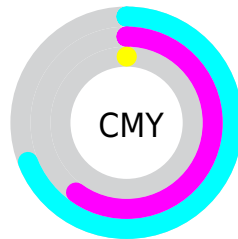
- Red (31%)
- Green (40%)
- Blue (100%)



- Red (31%)
- Yellow (39%)
- Blue (100%)



- Cyan (69%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1247, 18.5828, 96.8177 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 26.1247, 18.5828, 96.8177 by changing the saturation by 10% instead.

■ 26.1247, 18.5828,
96.8177

■ 26.1247, 18.5828,
96.8177

275.6392,
244.1358, 571.1002

■ 17.0501, 11.3692,
73.0436

■ 52.9059, 41.0279,
158.7906

■ 10.3658, 6.3157,
53.5195

■ 71.3433, 57.0283,
197.8264

■ 5.7063, 3.0380,
37.8271

■ 93.6323, 76.7263,
242.7864

■ 2.7063, 1.1516,
25.5477

■ 120.1382,
100.5064, 294.0894

■ 1.0004, 0.0216,
16.2629

151.2266,
128.7530, 352.1537

■ 0.0000, 0.0000,
9.5540

187.2626,

■ 0.0000, 0.0000,

161.8505, 417.3979

5.0026

228.6117,
200.1833, 490.2406

■ 0.0000, 0.0000,
2.1900

■ 0.0000, 0.0000,
0.6686

■ 26.1247, 18.5828,
96.8177

■ 26.1247, 18.5828,
96.8177

■ 22.4858, 13.8721,
96.1002

■ 31.1551, 24.8670,
97.7655

■ 20.0907, 10.5900,
95.5929

■ 37.6988, 32.8491,
98.9613

■ 18.7408, 8.5548,
95.2712

■ 45.8672, 42.6420,
100.4210

■ 18.6440, 8.4079,
95.2480

■ 55.7604, 54.3487,
102.1592

■ 67.4702, 68.0641,
104.1894

■ 81.0819, 83.8770,
106.5242

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.



16.8118, 18.5828, 111.7327



26.1247, 18.5828, 96.8177



35.1404, 18.5828, 57.8244

Triad

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



26.1247, 18.5828, 96.8177



28.1175, 18.5828, 0.9095



5.8778, 18.5828, 17.8569

Complementary

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



26.1247, 18.5828, 96.8177



71.2306, 78.9825, 18.8901

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.



7.2234, 18.5828, 3.9662



26.1247, 18.5828, 96.8177



18.5412, 18.5828, 0.0000

Square

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



26.1247, 18.5828, 96.8177



36.5260, 18.5828, 5.5967



11.2587, 18.5828, 0.5839



6.7574, 18.5828, 49.6098

Rectangle

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



26.1247, 18.5828, 96.8177



38.7612, 18.5828, 32.6944



11.2587, 18.5828, 0.5839



6.0707, 18.5828, 11.4253

Sweetspot

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



26.1256, 18.5832, 96.8177



64.9976, 65.1780, 103.7626



53.0726, 78.8176, 86.2535



13.2022, 13.1204, 22.0866



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.



26.1256, 18.5832, 96.8177



21.3913, 12.4018, 95.8741



31.7646, 18.4418, 96.4932



17.2026, 17.7769, 22.7746



9.8024, 4.5145, 49.7893



1.0126, 0.5560, 4.8672

Inverse Universe

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



46.4849, 27.8328, 15.7542



43.2929, 23.4838, 8.4162



59.2671, 83.4753, 20.3878



18.1102, 18.0274, 19.1973



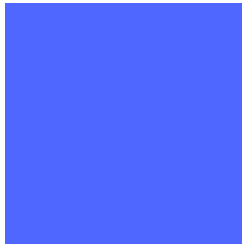
21.7360, 11.1837, 1.9944



2.1457, 1.1007, 0.3489

Previews

White Background



This preview shows how the XYZ color 26.1247, 18.5828, 96.8177 looks on a white background.

Color Contrast Check

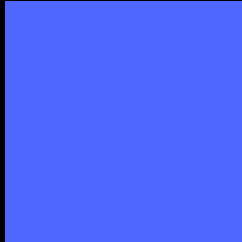
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1247, 18.5828, 96.8177 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 26.1247, 18.5828, 96.8177

Background



This preview shows how black text looks on a background with the XYZ color 26.1247, 18.5828, 96.8177.



This preview shows how white text looks on a background with the XYZ color 26.1247, 18.5828,

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

26.1247, 18.5828, 96.8177

Protanopia

22.0443, 18.4454, 86.4029

Deuteranopia

18.4682, 18.5225, 62.9234

Trichromacy



Original Color

26.1247, 18.5828, 96.8177

Protanomaly

22.8711, 18.1285, 90.2894

Deuteranomaly

20.3649, 18.0137, 74.3551

Monochromacy



Original Color

26.1247, 18.5828, 96.8177

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.6270, 16.4206, 37.8378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1247, 18.5828, 96.8177 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(79, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(79, 103, 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(79, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 103, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.1247, 18.5828, 96.8177 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(79, 103, 255) }
```

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

```
.border{ border-color:rgb(79, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(79, 103,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 26.1247, 18.5828, 96.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 103, 255) }
```

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

```
.background{ background-color: rgb(79, 103,  
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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