

Converting Colors

XYZ(26.1121, 19.1556, 96.9289)

Have a look what the booklet for
XYZ(26.1121, 19.1556, 96.9289)
contains.

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Color

**XYZ(26.1317, 19.1912,
96.9347)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6BFF
RGB	74, 107, 255
RGB Percent	29%, 42%, 100%
CMY	0.7098, 0.5804, 0.0000
CMYK	0.71, 0.58, 0.00, 0.00
HSL	229°, 100%, 65%
HSV	229°, 71%, 100%
XYZ	26.1317, 19.1912, 96.9347
YIQ	114.0050, -67.1760, 39.0320

Conversions

Conversions Part 2

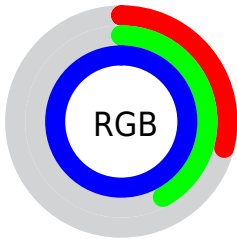
Format	Color
R _Y B	74, 102, 255
Decimal	4877311
CIE Lab	50.91, 36.72, -77.04
CIE LCh	51, 85.339, 295.483
Yxy	19.1912, 0.1837, 0.1349
Android (android.graphics.Color)	4283067391 (0xFF4A6BFF)
YUV	114.0050, 69.5105, -35.0844
Hunter-Lab	43.8078, 29.8132, -100.5273

Details

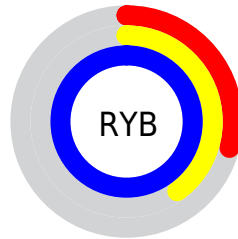
The XYZ color **26.1317, 19.1912, 96.9347** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **68.6009, 74.0036, 17.1491**, and the grayscale version is **15.8097, 16.6331, 18.1134**.

A 20% lighter version of the original color is **41.6046, 37.5134, 99.6557**, and **11.6939, 7.2629, 53.6089** is the 20% darker color. If you saturate the color by 10%, you get **22.6328, 14.5400, 96.2214**, and if you desaturate by 10%, it is **30.9516, 25.3013, 97.8601**.

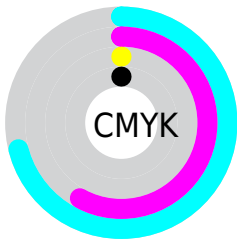
Distribution



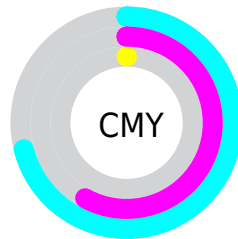
- Red (29%)
- Green (42%)
- Blue (100%)



- Red (29%)
- Yellow (40%)
- Blue (100%)



- Cyan (71%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1317, 19.1912, 96.9347 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 26.1317, 19.1912, 96.9347 by changing the saturation by 10% instead.

■ 26.1317, 19.1912,
96.9347

■ 26.1317, 19.1912,
96.9347

275.6728,
247.5023, 571.4821

■ 17.0554, 11.8085,
73.1405

■ 52.9171, 42.0569,
158.9533

■ 10.3695, 6.6134,
53.5983

■ 71.3569, 58.3088,
198.0147

■ 5.7088, 3.2215,
37.8897

■ 93.6486, 78.2858,
243.0024

■ 2.7078, 1.2485,
25.5959

■ 120.1576,
102.3724, 294.3347

■ 1.0012, 0.1008,
16.2985

151.2491,
130.9529, 352.4304

■ 0.0000, 0.0000,
9.5790

187.2886,

■ 0.0000, 0.0000,

164.4118, 417.7078

5.0188

228.6414,
203.1335, 490.5855

■ 0.0000, 0.0000,
2.1994

■ 0.0000, 0.0000,
0.6740

■ 26.1317, 19.1912,
96.9347

■ 26.1317, 19.1912,
96.9347

■ 22.6328, 14.5400,
96.2214

■ 30.9516, 25.3013,
97.8601

■ 20.3109, 11.2169,
95.7023

■ 37.2099, 32.9823,
99.0128

■ 19.0458, 9.2115,
95.3819

■ 45.0138, 42.3361,
100.4069

■ 54.4593, 53.4557,
102.0554

■ 65.6344, 66.4268,
103.9701

■ 78.6208, 81.3298,
106.1622

■ 93.4949, 98.2398,
108.6422

■ 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.



16.9949, 19.1912, 109.5970



26.1317, 19.1912, 96.9347



35.0994, 19.1912, 59.7277

Triad

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



26.1317, 19.1912, 96.9347



29.0405, 19.1912, 1.2441



6.3921, 19.1912, 17.4523

Complementary

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



26.1317, 19.1912, 96.9347



68.6009, 74.0036, 17.1491

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.



7.8875, 19.1912, 4.0943



26.1317, 19.1912, 96.9347



19.5459, 19.1912, 0.1889

Square

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



26.1317, 19.1912, 96.9347



37.1096, 19.1912, 6.6207



12.1234, 19.1912, 0.7508



7.1805, 19.1912, 47.8712

Rectangle

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



26.1317, 19.1912, 96.9347



38.8348, 19.1912, 34.8092



12.1234, 19.1912, 0.7508



6.6269, 19.1912, 11.2938

Sweetspot

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



26.1326, 19.1916, 96.9348



65.6051, 66.3931, 103.9651



51.7455, 78.2405, 81.3547



13.3439, 13.4039, 22.1339



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.



26.1326, 19.1916, 96.9348



21.5657, 13.0510, 95.9902



29.9100, 16.9704, 96.3069



17.2707, 17.9131, 22.7973



10.0284, 4.9663, 49.8646



1.0452, 0.6211, 4.8781

Inverse Universe

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



46.3434, 27.2207, 16.7214



43.3075, 23.2088, 9.3591



60.2027, 83.9779, 19.5170



18.1446, 18.0411, 19.3784



21.8501, 11.2293, 2.5949



2.1622, 1.1072, 0.4355

Previews

White Background



This preview shows how the XYZ color 26.1317, 19.1912, 96.9347 looks on a white background.

Color Contrast Check

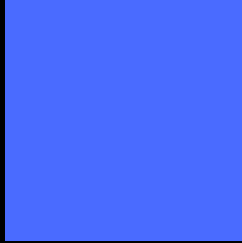
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1317, 19.1912, 96.9347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

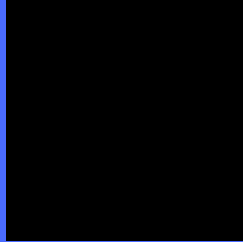
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1317, 19.1912, 96.9347

Background



This preview shows how black text looks on a background with the XYZ color 26.1317, 19.1912, 96.9347.



This preview shows how white text looks on a background with the XYZ color 26.1317, 19.1912,

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

26.1317, 19.1912, 96.9347

Protanopia

22.8799, 19.1446, 89.6782

Deuteranopia

18.9666, 18.9194, 64.9395



Tritanopia

13.4830, 19.0334, 28.9498

Trichromacy



Original Color

26.1317, 19.1912, 96.9347

Protanomaly

23.4560, 18.8828, 92.0310

Deuteranomaly

20.8169, 18.5570, 75.8835

Tritanomaly

16.3114, 18.1090, 47.9831

Monochromacy



Original Color

26.1317, 19.1912, 96.9347

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.6216, 16.7381, 37.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1317, 19.1912, 96.9347 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(74, 107, 255)` looks like.

```
.text, #text, p{  
    color:rgb(74, 107, 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(74, 107, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 107, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.1317, 19.1912, 96.9347 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(74, 107, 255) }
```


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

```
.border{ border-color:rgb(74, 107, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 107, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 107, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 107, 255);  
box-shadow:4px 4px 4px 4px rgb(74, 107,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1317, 19.1912, 96.9347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 107, 255) }
```

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

```
.background{ background-color: rgb(74, 107,  
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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