

Converting Colors

XYZ(26.7171, 19.2686, 96.3699)

Have a look what the booklet for
XYZ(26.7171, 19.2686, 96.3699)
contains.

XYZ(26.5971, 19.1437, 96.0592)	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(26.5971, 19.1437,
96.0592)**

Conversions

Conversions Part 1

Format	Color
Hex	5469FE
RGB	84, 105, 254
RGB Percent	33%, 41%, 100%
CMY	0.6705, 0.5882, 0.0039
CMYK	0.67, 0.59, 0.00, 0.00
HSL	233°, 99%, 66%
HSV	233°, 67%, 100%
XYZ	26.5971, 19.1437, 96.0592
YIQ	115.7070, -60.3450, 41.8870

Conversions

Conversions Part 2

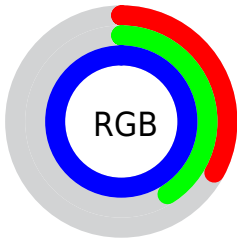
Format	Color
R _Y B	84, 103, 254
Decimal	5532158
CIE Lab	50.85, 38.87, -76.55
CIE LCh	51, 85.856, 296.922
Yxy	19.1437, 0.1876, 0.1350
Android (android.graphics.Color)	4283722238 (0xFF5469FE)
YUV	115.7070, 68.1784, -27.8070
Hunter-Lab	43.7535, 31.9388, -99.5415

Details

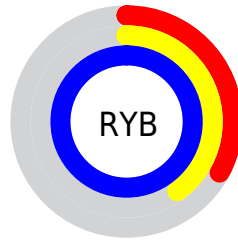
The XYZ color **26.5971, 19.1437, 96.0592** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **71.6159, 79.9952, 20.0556**, and the grayscale version is **16.3237, 17.1738, 18.7022**.

A 20% lighter version of the original color is **42.5161, 37.4810, 99.6014**, and **11.4769, 7.0116, 52.9730** is the 20% darker color. If you saturate the color by 10%, you get **22.7432, 14.2199, 95.3124**, and if you desaturate by 10%, it is **31.8702, 25.6800, 97.0434**.

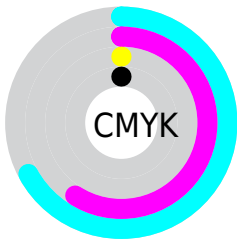
Distribution



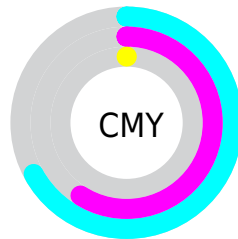
- Red (33%)
- Green (41%)
- Blue (100%)



- Red (33%)
- Yellow (40%)
- Blue (100%)



- Cyan (67%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (59%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5971, 19.1437, 96.0592 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 26.5971, 19.1437, 96.0592 by changing the saturation by 10% instead.

■ 26.5971, 19.1437,
96.0592

■ 26.5971, 19.1437,
96.0592

277.9043,
247.2409, 568.6211

■ 17.4059, 11.7742,
72.4151

■ 53.6611, 41.9768,
157.7353

■ 10.6214, 6.5901,
53.0089

■ 72.2646, 58.2091,
196.6043

■ 5.8783, 3.2071,
37.4221

■ 94.7363, 78.1645,
241.3855

■ 2.8112, 1.2408,
25.2362

■ 121.4415,
102.2273, 292.4972

■ 1.0547, 0.0946,
16.0325

152.7455,
130.7820, 350.3581

■ 0.0000, 0.0000,
9.3925

189.0137,

■ 0.0000, 0.0000,

164.2129, 415.3867

4.8978

230.6116,
202.9044, 488.0015

■ 0.0000, 0.0000,
2.1297

■ 0.0000, 0.0000,
0.6334

■ 26.5971, 19.1437,
96.0592

■ 26.5971, 19.1437,
96.0592

■ 22.7432, 14.2199,
95.3124

■ 31.8702, 25.6800,
97.0434

■ 20.1641, 10.7640,
94.7813

■ 38.6817, 33.9531,
98.2813

■ 18.6870, 8.6058,
94.4426

■ 47.1416, 44.0767,
99.7894

■ 18.3890, 8.1548,
94.3712

■ 57.3486, 56.1542,
101.5827

■ 69.3940, 70.2814,
103.6746

■ 83.3624, 86.5478,
106.0781

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.



17.3361, 19.1437, 110.5224



26.5971, 19.1437, 96.0592



35.5081, 19.1437, 57.9997

Triad

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



26.5971, 19.1437, 96.0592



28.5933, 19.1437, 1.1070



6.3080, 19.1437, 18.4418

Complementary

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



26.5971, 19.1437, 96.0592



71.6159, 79.9952, 20.0556

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.



7.6870, 19.1437, 4.3571



26.5971, 19.1437, 96.0592



19.0829, 19.1437, 0.1363

Square

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



26.5971, 19.1437, 96.0592



36.8895, 19.1437, 6.0680



11.7806, 19.1437, 0.7781



7.2057, 19.1437, 49.8446

Rectangle

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



26.5971, 19.1437, 96.0592



39.0790, 19.1437, 33.2599



11.7806, 19.1437, 0.7781



6.5066, 19.1437, 11.9813

Sweetspot

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



26.5981, 19.1442, 96.0597



66.0719, 66.2975, 103.9221



53.5703, 78.5578, 88.1895



13.4051, 13.3263, 22.1157



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.



26.5981, 19.1442, 96.0597



22.0127, 13.1188, 95.9797



32.9752, 19.6402, 95.8194



17.1837, 17.7390, 22.7682



9.7503, 4.4101, 49.7719



1.0038, 0.5382, 4.8643

Inverse Universe

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



46.5942, 28.4331, 16.3969



43.7349, 24.1521, 9.2287



58.6976, 82.6878, 21.2562



18.1006, 18.0236, 19.1470



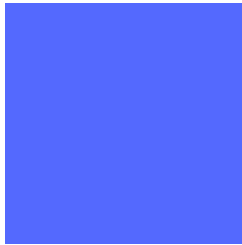
21.7097, 11.1732, 1.8557



2.1413, 1.0989, 0.3253

Previews

White Background



This preview shows how the XYZ color 26.5971, 19.1437, 96.0592 looks on a white background.

Color Contrast Check

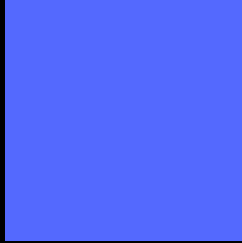
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5971, 19.1437, 96.0592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

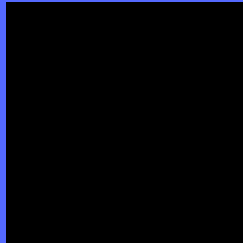
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5971, 19.1437, 96.0592

Background



This preview shows how black text looks on a background with the XYZ color 26.5971, 19.1437, 96.0592.



This preview shows how white text looks on a background with the XYZ color 26.5971, 19.1437,

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

26.5971, 19.1437, 96.0592

Protanopia

22.8799, 19.1446, 89.6782

Deuteranopia

18.9666, 18.9194, 64.9395



Tritanopia

13.4216, 18.7887, 29.3047

Trichromacy



Original Color

26.5971, 19.1437, 96.0592

Protanomaly

23.4581, 18.7192, 91.9993

Deuteranomaly

20.6756, 18.3281, 75.1210

Tritanomaly

16.2998, 17.9179, 47.9468

Monochromacy



Original Color

26.5971, 19.1437, 96.0592

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.3860, 17.2846, 38.4436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5971, 19.1437, 96.0592 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(84, 105, 254)` looks like.

```
.text, #text, p{  
    color:rgb(84, 105, 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(84, 105, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 105, 254) }
```

Border

The CSS property to change the border of an element to XYZ 26.5971, 19.1437, 96.0592 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(84, 105, 254) }
```


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

```
.border{ border-color:rgb(84, 105, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 105, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 105, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 105, 254);  
box-shadow:4px 4px 4px 4px rgb(84, 105,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5971, 19.1437, 96.0592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 105, 254) }
```

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

```
.background{ background-color: rgb(84, 105,  
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