

Converting Colors

XYZ(26.4734, 19.5831, 96.9924)

Have a look what the booklet for
XYZ(26.4734, 19.5831, 96.9924)
contains.

XYZ(26.4731, 19.5229, 96.9808)	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>	30

Color

**XYZ(26.4731, 19.5229,
96.9808)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6CFF
RGB	77, 108, 255
RGB Percent	30%, 42%, 100%
CMY	0.6980, 0.5765, 0.0000
CMYK	0.70, 0.58, 0.00, 0.00
HSL	230°, 100%, 65%
HSV	230°, 70%, 100%
XYZ	26.4731, 19.5229, 96.9808
YIQ	115.4890, -65.6630, 39.1450

Conversions

Conversions Part 2

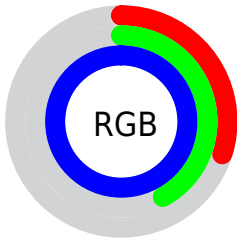
Format	Color
R_{YB}	77, 103, 255
Decimal	5074175
CIE _{Lab}	51.29, 36.47, -76.41
CIE _{LCh}	51, 84.666, 295.518
Yxy	19.5229, 0.1852, 0.1365
Android (android.graphics.Color)	4283264255 (0xFF4D6CFF)
YUV	115.4890, 68.7789, -33.7549
Hunter-Lab	44.1847, 29.6243, -99.2060

Details

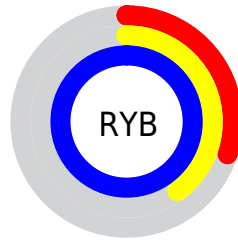
The XYZ color **26.4731, 19.5229, 96.9808** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **69.2385, 75.1132, 17.8722**, and the grayscale version is **16.2571, 17.1037, 18.6260**.

A 20% lighter version of the original color is **42.1252, 38.0360, 99.7292**, and **11.7468, 7.3687, 53.6265** is the 20% darker color. If you saturate the color by 10%, you get **22.8444, 14.7438, 96.2495**, and if you desaturate by 10%, it is **31.4458, 25.7911, 97.9286**.

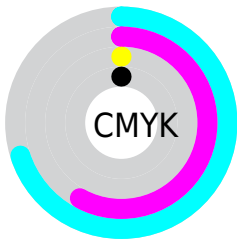
Distribution



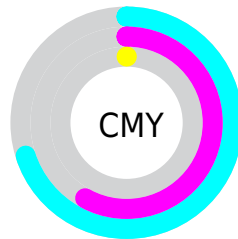
- Red (30%)
- Green (42%)
- Blue (100%)



- Red (30%)
- Yellow (40%)
- Blue (100%)



- Cyan (70%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4731, 19.5229, 96.9808 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 26.4731, 19.5229, 96.9808 by changing the saturation by 10% instead.

■ 26.4731, 19.5229,
96.9808

■ 26.4731, 19.5229,
96.9808

277.3111,
249.3205, 571.6326

■ 17.3124, 12.0487,
73.1787

■ 53.4631, 42.6158,
159.0174

■ 10.5542, 6.7769,
53.6294

■ 72.0231, 59.0034,
198.0890

■ 5.8330, 3.3229,
37.9143

■ 94.4470, 79.1308,
243.0874

■ 2.7835, 1.3026,
25.6149

■ 121.1000,
103.3826, 294.4314

■ 1.0403, 0.1432,
16.3126

152.3476,
132.1430, 352.5393

■ 0.0000, 0.0000,
9.5889

188.5551,

■ 0.0000, 0.0000,

165.7965, 417.8298

5.0252

230.0878,
204.7276, 490.7214

■ 0.0000, 0.0000,
2.2031

■ 0.0000, 0.0000,
0.6761

■ 26.4731, 19.5229,
96.9808

■ 26.4731, 19.5229,
96.9808

■ 22.8444, 14.7438,
96.2495

■ 31.4458, 25.7911,
97.9286

■ 20.4175, 11.3221,
95.7170

■ 37.8793, 33.6612,
99.1086

■ 18.9879, 9.0863,
95.3608

■ 45.8806, 43.2363,
100.5350

■ 18.9655, 9.0511,
95.3552

■ 55.5456, 54.6103,
102.2210

■ 66.9623, 67.8700,
104.1787

■ 80.2125, 83.0966,
106.4193

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.



17.3149, 19.5229, 109.5868



26.4731, 19.5229, 96.9808



35.4313, 19.5229, 59.9865

Triad

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



26.4731, 19.5229, 96.9808



29.3592, 19.5229, 1.3450



6.6134, 19.5229, 17.8241

Complementary

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



26.4731, 19.5229, 96.9808



69.2385, 75.1132, 17.8722

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.



8.1261, 19.5229, 4.2966



26.4731, 19.5229, 96.9808



19.8548, 19.5229, 0.2818

Square

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



26.4731, 19.5229, 96.9808



37.4217, 19.5229, 6.8514



12.3992, 19.5229, 0.8411



7.4156, 19.5229, 48.2674

Rectangle

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



26.4731, 19.5229, 96.9808



39.1539, 19.5229, 35.1473



12.3992, 19.5229, 0.8411



6.8507, 19.5229, 11.6142

Sweetspot

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



26.4740, 19.5234, 96.9808



65.4966, 66.1760, 103.9289



52.0557, 78.3920, 81.7541



13.3186, 13.3532, 22.1254



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.



26.4740, 19.5234, 96.9808



21.6875, 13.1494, 96.0028



30.4367, 17.5463, 96.3903



17.2586, 17.8888, 22.7932



9.9837, 4.8769, 49.8497



1.0391, 0.6090, 4.8760

Inverse Universe

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



46.6014, 27.6520, 17.0686



43.4045, 23.3835, 9.4511



60.5569, 84.1485, 20.0738



18.1384, 18.0387, 19.3461



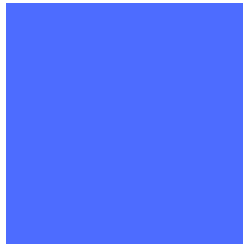
21.8275, 11.2203, 2.4761



2.1591, 1.1060, 0.4193

Previews

White Background



This preview shows how the XYZ color 26.4731, 19.5229, 96.9808 looks on a white background.

Color Contrast Check

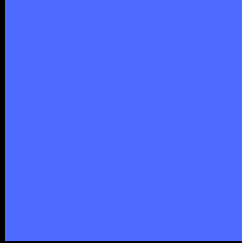
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4731, 19.5229, 96.9808 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 26.4731, 19.5229, 96.9808

Background



This preview shows how black text looks on a background with the XYZ color 26.4731, 19.5229, 96.9808.



This preview shows how white text looks on a background with the XYZ color 26.4731, 19.5229,

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

26.4731, 19.5229, 96.9808

Protanopia

23.3046, 19.4999, 91.3425

Deuteranopia

19.3453, 19.2703, 66.3183

Trichromacy



Original Color

26.4731, 19.5229, 96.9808

Protanomaly

23.9088, 19.2465, 93.7216

Deuteranomaly

21.1002, 18.8609, 76.6572

Monochromacy



Original Color

26.4731, 19.5229, 96.9808

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.0439, 17.1082, 38.4276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4731, 19.5229, 96.9808 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(77, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 108, 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(77, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.4731, 19.5229, 96.9808 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(77, 108, 255) }
```

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

```
.border{ border-color:rgb(77, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 26.4731, 19.5229, 96.9808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 255) }
```

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

```
.background{ background-color: rgb(77, 108,  
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](#).

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