

Converting Colors

XYZ(26.0736, 20.2599, 92.8966)

Have a look what the booklet for
XYZ(26.0736, 20.2599, 92.8966)
contains.

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Color

**XYZ(26.0621, 20.2082,
92.9694)**

Conversions

Conversions Part 1

Format	Color
Hex	4B71FA
RGB	75, 113, 250
RGB Percent	29%, 44%, 98%
CMY	0.7058, 0.5569, 0.0196
CMYK	0.70, 0.55, 0.00, 0.02
HSL	227°, 95%, 64%
HSV	227°, 70%, 98%
XYZ	26.0621, 20.2082, 92.9694
YIQ	117.2560, -66.6250, 34.5510

Conversions

Conversions Part 2

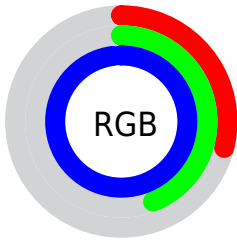
Format	Color
R _Y B	75, 106, 250
Decimal	4944378
CIE Lab	52.07, 31.42, -72.37
CIE LCh	52, 78.900, 293.467
Yxy	20.2082, 0.1872, 0.1451
Android (android.graphics.Color)	4283134458 (0xFF4B71FA)
YUV	117.2560, 65.4428, -37.0585
Hunter-Lab	44.9535, 24.8178, -91.1515

Details

The XYZ color **26.0621, 20.2082, 92.9694** 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 **64.2416, 67.9255, 16.3838**, and the grayscale version is **16.8074, 17.6827, 19.2564**.

A 20% lighter version of the original color is **42.6532, 39.6106, 100.0053**, and **11.4626, 7.7022, 50.7517** is the 20% darker color. If you saturate the color by 10%, you get **22.5233, 15.4845, 92.2447**, and if you desaturate by 10%, it is **30.8414, 26.2705, 93.8881**.

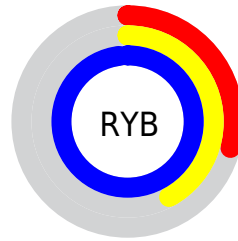
Distribution



Red (29%)

Green (44%)

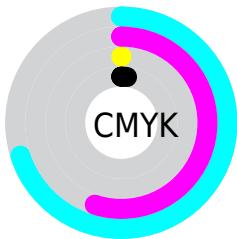
Blue (98%)



Red (29%)

Yellow (42%)

Blue (98%)

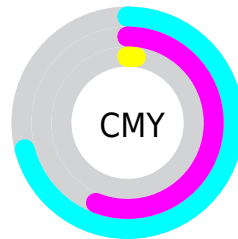


Cyan (70%)

Magenta (55%)

Yellow (0%)

Black (2%)



Cyan (71%)

Magenta (56%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0621, 20.2082, 92.9694 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 26.0621, 20.2082, 92.9694 by changing the saturation by 10% instead.

■ 26.0621, 20.2082,
92.9694

■ 26.0621, 20.2082,
92.9694

275.3379,
253.0400, 558.4610

■ 17.0030, 12.5465,
69.8585

■ 52.8057, 43.7660,
153.4276

■ 10.3320, 7.1170,
50.9351

■ 71.2209, 60.4308,
191.6120

■ 5.6836, 3.5354,
35.7806

■ 93.4856, 80.8655,
235.6580

■ 2.6925, 1.4172,
23.9765

■ 119.9651,
105.4544, 285.9842

■ 0.9933, 0.2294,
15.1041

151.0247,
134.5819, 343.0090

■ 0.0000, 0.0000,
8.7451

187.0298,

■ 0.0000, 0.0000,

168.6324, 407.1511

4.4807

228.3457,
207.9903, 478.8289

■ 0.0000, 0.0000,
1.8926

■ 0.0000, 0.0000,
0.4880

■ 26.0621, 20.2082,
92.9694

■ 26.0621, 20.2082,
92.9694

■ 22.5233, 15.4845,
92.2447

■ 30.8414, 26.2705,
93.8881

■ 20.0957, 11.9871,
91.6975

■ 36.9665, 33.7668,
95.0123

■ 18.5879, 9.5668,
91.3099

■ 44.5343, 42.7853,
96.3541

■ 18.5873, 9.5659,
91.3097

■ 53.6317, 53.4063,
97.9247

■ 64.3386, 65.7042,
99.7341

■ 76.7291, 79.7488,
101.7920

■ 90.8728, 95.6057,
104.1072

■ 94.2554, 99.6822,
104.7157

Harmonies

Analogous

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



17.4979, 20.2082, 102.0927



26.0621, 20.2082, 92.9694



34.5415, 20.2082, 60.4006

Triad

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



26.0621, 20.2082, 92.9694



29.9862, 20.2082, 2.1393



7.5596, 20.2082, 17.3311

Complementary

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



26.0621, 20.2082, 92.9694



64.2416, 67.9255, 16.3838

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.



9.2533, 20.2082, 4.7484



26.0621, 20.2082, 92.9694



21.0246, 20.2082, 0.7964

Square

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



26.0621, 20.2082, 92.9694



37.2145, 20.2082, 8.6403



13.6740, 20.2082, 1.2395



8.2117, 20.2082, 44.8282

Rectangle

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



26.0621, 20.2082, 92.9694



38.2197, 20.2082, 37.2005



13.6740, 20.2082, 1.2395



7.8533, 20.2082, 11.6373

Sweetspot

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



26.0631, 20.2087, 92.9700



66.0717, 67.3263, 104.1207



48.6180, 74.4798, 72.2455



13.4530, 13.6220, 22.1702



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.



26.0631, 20.2087, 92.9700



22.3891, 14.5525, 96.2366



27.7525, 16.0498, 92.0782



16.5885, 17.2538, 21.8413



9.9445, 5.2445, 48.4617



0.9953, 0.6343, 4.5131

Inverse Universe

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



44.9221, 26.5501, 18.3798



43.7586, 23.5251, 11.3158



60.1767, 81.6236, 19.2420



17.3988, 17.2869, 18.6899



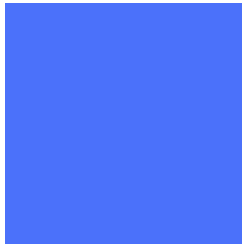
21.3115, 10.9403, 3.0830



2.0113, 1.0283, 0.4830

Previews

White Background



This preview shows how the XYZ color 26.0621, 20.2082, 92.9694 looks on a white background.

Color Contrast Check

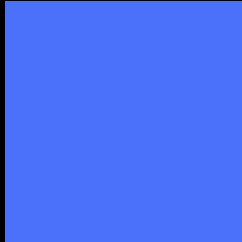
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0621, 20.2082, 92.9694 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 26.0621, 20.2082, 92.9694

Background



This preview shows how black text looks on a background with the XYZ color 26.0621, 20.2082, 92.9694.



This preview shows how white text looks on a background with the XYZ color 26.0621, 20.2082,

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

26.0621, 20.2082, 92.9694

Protanopia

24.3264, 20.2855, 95.5619

Deuteranopia

20.2470, 20.0362, 69.8181



Tritanopia

14.2121, 19.9979, 30.7147

Trichromacy



Original Color

26.0621, 20.2082, 92.9694

Protanomaly

24.3840, 19.9839, 94.6676

Deuteranomaly

21.5723, 19.6209, 77.5131

Tritanomaly

16.8229, 19.1320, 48.1536

Monochromacy



Original Color

26.0621, 20.2082, 92.9694

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.5164, 18.0322, 38.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0621, 20.2082, 92.9694 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(75, 113, 250)` looks like.

```
.text, #text, p{  
  color:rgb(75, 113, 250)  
}
```

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(75, 113, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 113, 250) }
```

Border

The CSS property to change the border of an element to XYZ 26.0621, 20.2082, 92.9694 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(75, 113, 250) }
```


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

```
.border{ border-color:rgb(75, 113, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 113, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 113, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 113, 250);  
box-shadow:4px 4px 4px 4px rgb(75, 113,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0621, 20.2082, 92.9694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 113, 250) }
```

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

```
.background{ background-color: rgb(75, 113,  
250) }
```

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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