

Converting Colors

XYZ(26.8831, 16.4578, 92.2033)

Have a look what the booklet for
XYZ(26.8831, 16.4578, 92.2033)
contains.

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Color

**XYZ(26.9041, 16.4681,
92.2031)**

Conversions

Conversions Part 1

Format	Color
Hex	6F53FA
RGB	111, 83, 250
RGB Percent	44%, 33%, 98%
CMY	0.5647, 0.6745, 0.0196
CMYK	0.56, 0.67, 0.00, 0.02
HSL	250°, 94%, 65%
HSV	250°, 67%, 98%
XYZ	26.9041, 16.4681, 92.2031
YIQ	110.4100, -36.9190, 57.8730

Conversions

Conversions Part 2

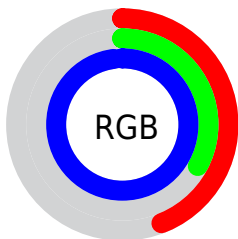
Format	Color
R _Y B	111, 83, 250
Decimal	7295994
CIE Lab	47.58, 54.23, -79.59
CIE LCh	48, 96.310, 304.269
Yxy	16.4681, 0.1984, 0.1215
Android (android.graphics.Color)	4285486074 (0xFF6F53FA)
YUV	110.4100, 68.8179, 0.5174
Hunter-Lab	40.5809, 47.3243, -106.3050

Details

The XYZ color **26.9041, 16.4681, 92.2031** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **65.8691, 84.5245, 21.0267**, and the grayscale version is **14.7554, 15.5239, 16.9055**.

A 20% lighter version of the original color is **43.8087, 33.1544, 98.6982**, and **10.7796, 5.3072, 50.3254** is the 20% darker color. If you saturate the color by 10%, you get **23.0043, 12.1119, 91.5682**, and if you desaturate by 10%, it is **32.1046, 22.5177, 93.0971**.

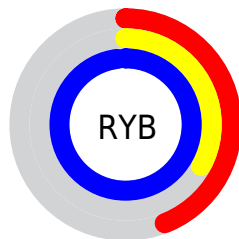
Distribution



Red (44%)

Green (33%)

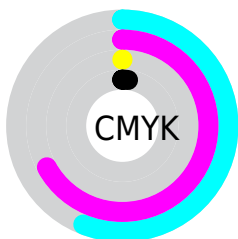
Blue (98%)



Red (44%)

Yellow (33%)

Blue (98%)

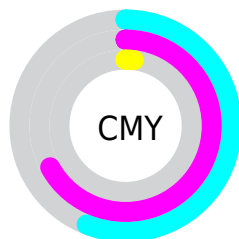


Cyan (56%)

Magenta (67%)

Yellow (0%)

Black (2%)



Cyan (56%)

Magenta (67%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9041, 16.4681, 92.2031 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 26.9041, 16.4681, 92.2031 by changing the saturation by 10% instead.

■ 26.9041, 16.4681,
92.2031

■ 26.9041, 16.4681,
92.2031

279.3685,
232.0883, 555.9256

■ 17.6374, 9.8560,
69.2254

■ 54.1509, 37.4090,
152.3570

■ 10.7881, 5.3036,
50.4224

■ 72.8618, 52.5065,
190.3702

■ 5.9908, 2.4265,
35.3756

■ 95.4514, 71.2013,
234.2324

■ 2.8801, 0.8395,
23.6665

■ 122.2851, 93.8778,
284.3620

■ 1.0907, 0.0000,
14.8765

■ 153.7284,
120.9203, 341.1775

■ 0.0173, 0.0000,
8.5871

190.1464,

■ 0.0000, 0.0000,

152.7133, 405.0977

4.3797

231.9047,
189.6412, 476.5408

■ 0.0000, 0.0000,
1.8359

■ 0.0000, 0.0000,
0.4515

■ 26.9041, 16.4681,
92.2031

■ 26.9041, 16.4681,
92.2031

■ 23.0043, 12.1119,
91.5682

■ 32.1046, 22.5177,
93.0971

■ 20.2814, 9.2694,
91.1631

■ 38.7084, 30.4126,
94.2729

■ 18.5889, 7.7185,
90.9529

■ 46.8107, 40.2889,
95.7522

■ 18.2073, 7.3929,
90.9102

■ 56.4976, 52.2696,
97.5542

67.8483, 66.4674,
99.6964

80.9368, 82.9871,
102.1952

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.



16.9133, 16.4681, 118.4060



26.9041, 16.4681, 92.2031



35.7203, 16.4681, 47.2685

Triad

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



26.9041, 16.4681, 92.2031



23.9650, 16.4681, 0.0000



4.2898, 16.4681, 21.6843

Complementary

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



26.9041, 16.4681, 92.2031



65.8691, 84.5245, 21.0267

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.



4.9964, 16.4681, 4.2443



26.9041, 16.4681, 92.2031



14.4558, 16.4681, 0.0000

Square

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



26.9041, 16.4681, 92.2031



33.6330, 16.4681, 2.3135



8.0780, 16.4681, 0.1712



5.5925, 16.4681, 59.8768

Rectangle

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



26.9041, 16.4681, 92.2031



38.4818, 16.4681, 23.0760



8.0780, 16.4681, 0.1712



4.3053, 16.4681, 13.6139

Sweetspot

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



26.9050, 16.4685, 92.2036



66.9540, 64.4851, 103.5258



46.9883, 61.0724, 99.7545



13.6120, 12.9029, 22.0230



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.



26.9050, 16.4685, 92.2036



22.9995, 11.5289, 95.6208



42.6824, 24.6021, 92.9419



16.5542, 16.7828, 21.7522



9.7375, 3.9626, 48.2252



0.9762, 0.4053, 4.4700

Inverse Universe

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



55.7016, 31.7840, 72.3014



55.4467, 28.8368, 70.9019



46.3389, 74.4563, 20.1127



17.8607, 17.4716, 21.1222



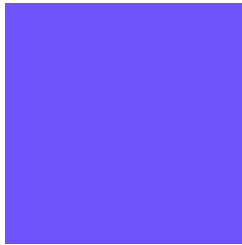
27.0023, 13.2166, 33.0501



2.5329, 1.2369, 3.2298

Previews

White Background



This preview shows how the XYZ color 26.9041, 16.4681, 92.2031 looks on a white background.

Color Contrast Check

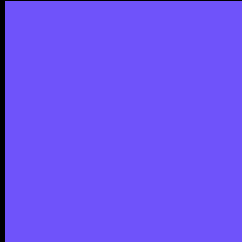
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.9041, 16.4681, 92.2031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

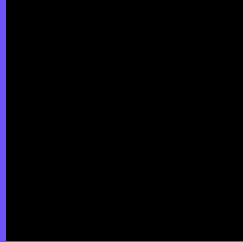
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9041, 16.4681, 92.2031

Background



This preview shows how black text looks on a background with the XYZ color 26.9041, 16.4681, 92.2031.



This preview shows how white text looks on a background with the XYZ color 26.9041, 16.4681,

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

26.9041, 16.4681, 92.2031

Protanopia

19.5054, 16.3823, 76.2628

Deuteranopia

16.2088, 16.2927, 55.1138



Tritanopia

13.0605, 16.2379, 23.5650

Trichromacy



Original Color

26.9041, 16.4681, 92.2031



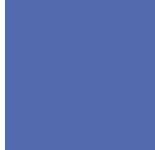
Protanomaly

20.6230, 15.4892, 82.0235



Deuteranomaly

18.1200, 15.1095, 66.9271



Tritanomaly

16.4650, 15.4104, 42.1511

Monochromacy



Original Color

26.9041, 16.4681, 92.2031



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

17.4206, 15.0025, 35.6958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9041, 16.4681, 92.2031 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(111, 83, 250)` looks like.

```
.text, #text, p{  
    color:rgb(111, 83, 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(111, 83, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 83, 250) }
```

Border

The CSS property to change the border of an element to XYZ 26.9041, 16.4681, 92.2031 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(111, 83, 250) }
```


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

```
.border{ border-color:rgb(111, 83, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 83, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 83, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 83, 250);  
box-shadow:4px 4px 4px 4px rgb(111, 83,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9041, 16.4681, 92.2031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 83, 250) }
```

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

```
.background{ background-color: rgb(111, 83,  
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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