

Converting Colors

XYZ(26.7274, 20.3497, 78.3501)

Have a look what the booklet for
XYZ(26.7274, 20.3497, 78.3501)
contains.

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Color

**XYZ(26.6818, 20.3661,
78.1261)**

Conversions

Conversions Part 1

Format	Color
Hex	706EE7
RGB	112, 110, 231
RGB Percent	44%, 43%, 91%
CMY	0.5608, 0.5686, 0.0941
CMYK	0.52, 0.52, 0.00, 0.09
HSL	241°, 72%, 67%
HSV	241°, 52%, 91%
XYZ	26.6818, 20.3661, 78.1261
YIQ	124.3920, -37.6490, 38.0550

Conversions

Conversions Part 2

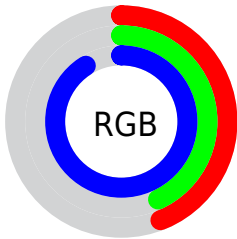
Format	Color
R _Y B	112, 110, 231
Decimal	7368423
CIE Lab	52.25, 33.21, -61.38
CIE LCh	52, 69.790, 298.418
Yxy	20.3661, 0.2132, 0.1627
Android (android.graphics.Color)	4285558503 (0xFF706EE7)
YUV	124.3920, 52.5577, -10.8678
Hunter-Lab	45.1288, 26.5603, -71.0515

Details

The XYZ color **26.6818, 20.3661, 78.1261** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **63.7026, 74.9354, 25.8587**, and the grayscale version is **19.1287, 20.1249, 21.9160**.

A 20% lighter version of the original color is **47.7649, 41.7186, 100.1428**, and **10.5815, 7.1296, 40.8628** is the 20% darker color. If you saturate the color by 10%, you get **21.9716, 14.7080, 77.2827**, and if you desaturate by 10%, it is **32.7724, 27.7003, 79.2212**.

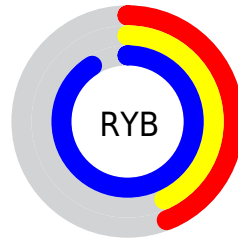
Distribution



Red (44%)

Green (43%)

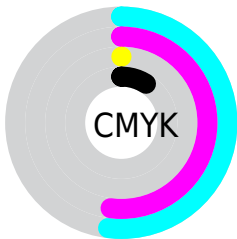
Blue (91%)



Red (44%)

Yellow (43%)

Blue (91%)

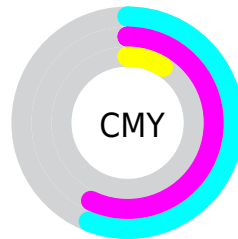


Cyan (52%)

Magenta (52%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (57%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6818, 20.3661, 78.1261 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 26.6818, 20.3661, 78.1261 by changing the saturation by 10% instead.

■ 26.6818, 20.3661,
78.1261

■ 26.6818, 20.3661,
78.1261

278.3089,
253.8902, 508.1342

■ 17.4697, 12.6614,
57.6605

■ 53.7963, 44.0301,
132.5154

■ 10.6673, 7.1958,
41.1229

■ 72.4295, 60.7583,
167.2761

■ 5.9092, 3.5849,
28.0947

■ 94.9338, 81.2631,
207.6390

■ 2.8301, 1.4442,
18.1574

■ 121.6745,
105.9289, 254.0225

■ 1.0646, 0.2489,
10.8924

153.0170,
135.1401, 306.8453

■ 0.0000, 0.0000,
5.8813

189.3267,

■ 0.0000, 0.0000,

169.2811, 366.5258

2.7054

230.9688,
208.7364, 433.4826

■ 0.0000, 0.0000,
0.9461

■ 0.0000, 0.0000,
0.0000

■ 26.6818, 20.3661,
78.1261

■ 26.6818, 20.3661,
78.1261

■ 21.9716, 14.7080,
77.2827

■ 32.7724, 27.7003,
79.2212

■ 18.5315, 10.5921,
76.6695

■ 40.3368, 36.8265,
80.5840

■ 16.2389, 7.8670,
76.2644

■ 49.4636, 47.8529,
82.2313

■ 14.9459, 6.3503,
76.0398

■ 60.2333, 60.8782,
84.1778

■ 14.4718, 5.7943,
75.9574

■ 72.7212, 75.9944,
86.4374

■ 86.9979, 93.2880,
89.0229

■ 91.4239, 98.5496,
89.8052

Harmonies

Analogous

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



18.9794, 20.3661, 89.6210



26.6818, 20.3661, 78.1261



33.6255, 20.3661, 49.9228

Triad

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



26.6818, 20.3661, 78.1261



27.5063, 20.3661, 2.6855



8.5934, 20.3661, 21.1033

Complementary

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



26.6818, 20.3661, 78.1261



63.7026, 74.9354, 25.8587

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.



9.8331, 20.3661, 7.2651



26.6818, 20.3661, 78.1261



19.7403, 20.3661, 1.4965

Square

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



26.6818, 20.3661, 78.1261



34.1783, 20.3661, 8.1995



13.5134, 20.3661, 2.4275



9.5929, 20.3661, 46.7506

Rectangle

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



26.6818, 20.3661, 78.1261



36.2335, 20.3661, 31.0780



13.5134, 20.3661, 2.4275



8.7546, 20.3661, 15.1592

Sweetspot

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



26.6827, 20.3667, 78.1266



70.1351, 69.8427, 104.3922



49.4305, 66.2368, 85.7815



14.4125, 14.2244, 22.2359



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.



26.6827, 20.3667, 78.1266



27.0148, 17.8298, 96.6254



36.6860, 25.5236, 78.5948



13.6048, 13.8985, 18.1100



8.1232, 3.2536, 42.5830



0.6081, 0.2445, 3.1471

Inverse Universe

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



52.6736, 33.7981, 77.8735



62.8984, 36.3776, 96.0837



48.0767, 66.8800, 25.1274



14.9843, 14.6109, 18.1176



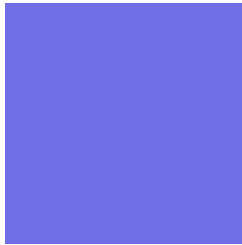
26.2664, 12.6408, 41.8932



1.9443, 0.9354, 3.1133

Previews

White Background



This preview shows how the XYZ color 26.6818, 20.3661, 78.1261 looks on a white background.

Color Contrast Check

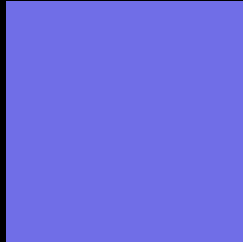
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6818, 20.3661, 78.1261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

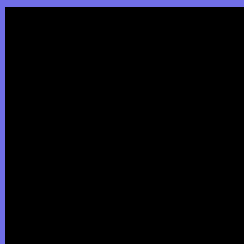
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6818, 20.3661, 78.1261

Background



This preview shows how black text looks on a background with the XYZ color 26.6818, 20.3661, 78.1261.



This preview shows how white text looks on a background with the XYZ color 26.6818, 20.3661,

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

26.6818, 20.3661, 78.1261

Protanopia

24.1087, 20.5476, 86.6998

Deuteranopia

21.0439, 20.5606, 73.3805



Tritanopia

16.8653, 20.3705, 29.0296

Trichromacy



Original Color

26.6818, 20.3661, 78.1261

Protanomaly

24.4257, 20.0803, 83.4774

Deuteranomaly

21.6170, 19.6922, 75.3347

Tritanomaly

19.5616, 19.8901, 43.3656

Monochromacy



Original Color

26.6818, 20.3661, 78.1261

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.9534, 19.8311, 37.3737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6818, 20.3661, 78.1261 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(112, 110, 231)` looks like.

```
.text, #text, p{  
    color:rgb(112, 110, 231)  
}
```

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(112, 110, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 110, 231) }
```

Border

The CSS property to change the border of an element to XYZ 26.6818, 20.3661, 78.1261 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(112, 110, 231) }
```


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

```
.border{ border-color:rgb(112, 110, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 110, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 110, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 110, 231);  
box-shadow:4px 4px 4px 4px rgb(112, 110,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6818, 20.3661, 78.1261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 110, 231) }
```

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

```
.background{ background-color: rgb(112,  
110, 231) }
```

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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