

Converting Colors

XYZ(24.1076, 16.7157, 82.1919)

Have a look what the booklet for
XYZ(24.1076, 16.7157, 82.1919)
contains.

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Color

**XYZ(24.0976, 16.7317,
82.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5FED
RGB	95, 95, 237
RGB Percent	37%, 37%, 93%
CMY	0.6274, 0.6275, 0.0706
CMYK	0.60, 0.60, 0.00, 0.07
HSL	240°, 80%, 65%
HSV	240°, 60%, 93%
XYZ	24.0976, 16.7317, 82.0802
YIQ	111.1880, -45.5820, 44.1620

Conversions

Conversions Part 2

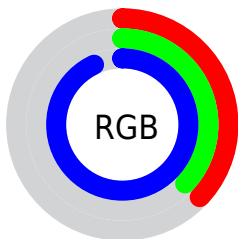
Format	Color
R_{YB}	95, 95, 237
Decimal	6250477
CIE _{Lab}	47.92, 40.94, -71.81
CIE _{LCh}	48, 82.664, 299.686
Yxy	16.7317, 0.1961, 0.1361
Android (android.graphics.Color)	4284440557 (0xFF5F5FED)
YUV	111.1880, 62.0253, -14.1969
Hunter-Lab	40.9044, 33.5752, -90.3403

Details

The XYZ color **24.0976, 16.7317, 82.0802** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **67.2724, 79.3981, 22.6062**, and the grayscale version is **14.9999, 15.7811, 17.1856**.

A 20% lighter version of the original color is **42.2335, 34.9459, 99.1270**, and **9.2952, 5.4092, 43.7342** is the 20% darker color. If you saturate the color by 10%, you get **20.1798, 12.0105, 81.3758**, and if you desaturate by 10%, it is **29.4148, 23.1380, 83.0369**.

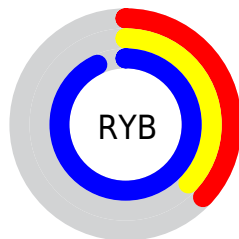
Distribution



Red (37%)

Green (37%)

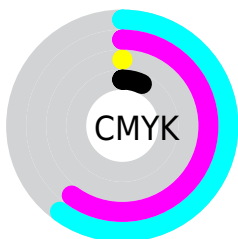
Blue (93%)



Red (37%)

Yellow (37%)

Blue (93%)

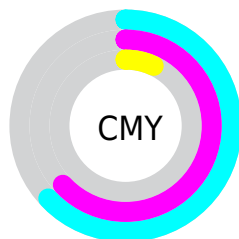


Cyan (60%)

Magenta (60%)

Yellow (0%)

Black (7%)



Cyan (63%)

Magenta (63%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0976, 16.7317, 82.0802 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 24.0976, 16.7317, 82.0802 by changing the saturation by 10% instead.

■ 24.0976, 16.7317,
82.0802

■ 24.0976, 16.7317,
82.0802

265.7449,
233.6215, 521.8064

■ 15.5312, 10.0434,
60.8954

■ 49.6429, 37.8639,
138.1242

■ 9.2817, 5.4277,
43.7108

■ 67.3526, 53.0766,
173.8204

■ 4.9840, 2.5003,
30.1077

■ 88.8406, 71.8995,
215.1910

■ 2.2725, 0.8768,
19.6676

■ 114.4724, 94.7170,
262.6543

■ 0.7806, 0.0000,
11.9720

144.6134,
121.9136, 316.6290

■ 0.0000, 0.0000,
6.6023

179.6289,

■ 0.0000, 0.0000,

153.8736, 377.5335

3.1400

219.8843,
190.9814, 445.7865

■ 0.0000, 0.0000,
1.1666

■ 0.0000, 0.0000,
0.0000

■ 24.0976, 16.7317,
82.0802

■ 24.0976, 16.7317,
82.0802

■ 20.1798, 12.0105,
81.3758

■ 29.4148, 23.1380,
83.0369

■ 17.5274, 8.8147,
80.8988

■ 36.2437, 31.3664,
84.2652

■ 15.9853, 6.9567,
80.6214

■ 44.6882, 41.5415,
85.7841

■ 15.2910, 6.1202,
80.4965

■ 54.8423, 53.7765,
87.6106

■ 15.2863, 6.1145,
80.4957

■ 66.7926, 68.1761,
89.7601

■ 80.6202, 84.8378,
92.2473

■ 92.2861, 98.8945,
94.3457

Harmonies

Analogous

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



15.8247, 16.7317, 97.6480



24.0976, 16.7317, 82.0802



31.7369, 16.7317, 47.7316

Triad

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



24.0976, 16.7317, 82.0802



24.2772, 16.7317, 0.7872



5.4541, 16.7317, 17.9944

Complementary

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



24.0976, 16.7317, 82.0802



67.2724, 79.3981, 22.6062

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.



6.4702, 16.7317, 4.3715



24.0976, 16.7317, 82.0802



15.9815, 16.7317, 0.0000

Square

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



24.0976, 16.7317, 82.0802



31.8613, 16.7317, 4.5234



9.8151, 16.7317, 0.7555



6.4273, 16.7317, 46.9964

Rectangle

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



24.0976, 16.7317, 82.0802



34.5519, 16.7317, 26.5874



9.8151, 16.7317, 0.7555



5.5681, 16.7317, 11.8199

Sweetspot

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



24.0985, 16.7322, 82.0807



67.1985, 66.4403, 103.8903



50.2898, 69.1160, 90.8113



13.5631, 13.2327, 22.0893



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.



24.0985, 16.7322, 82.0807



22.9575, 13.1327, 95.9326



35.1042, 22.4058, 82.5957



14.2313, 14.5490, 18.9804



8.3458, 3.3383, 43.9475



0.6554, 0.2622, 3.4509

Inverse Universe

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



54.3024, 32.3030, 83.4880



61.5671, 33.0369, 97.7307



48.0758, 69.5019, 21.7078



15.7148, 15.3138, 19.0496



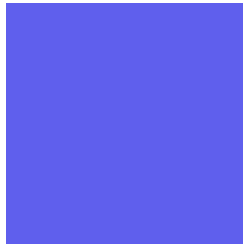
27.4123, 13.1676, 44.8342



2.1525, 1.0340, 3.5206

Previews

White Background



This preview shows how the XYZ color 24.0976, 16.7317, 82.0802 looks on a white background.

Color Contrast Check

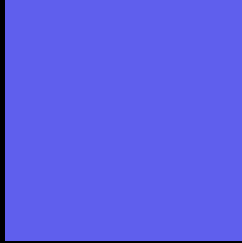
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0976, 16.7317, 82.0802 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 24.0976, 16.7317, 82.0802

Background



This preview shows how black text looks on a background with the XYZ color 24.0976, 16.7317, 82.0802.



This preview shows how white text looks on a background with the XYZ color 24.0976, 16.7317,

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

24.0976, 16.7317, 82.0802

Protanopia

19.8924, 16.7068, 77.7776

Deuteranopia

16.6707, 16.6609, 56.9808



Tritanopia

12.6830, 16.7409, 25.1171

Trichromacy



Original Color

24.0976, 16.7317, 82.0802

Protanomaly

20.3514, 16.1411, 79.1337

Deuteranomaly

18.0659, 15.8865, 65.0650

Tritanomaly

15.3702, 15.8405, 40.7755

Monochromacy



Original Color

24.0976, 16.7317, 82.0802

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.9631, 15.5407, 34.0039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0976, 16.7317, 82.0802 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(95, 95, 237)` looks like.

```
.text, #text, p{  
    color:rgb(95, 95, 237)  
}
```

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(95, 95, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 95, 237) }
```

Border

The CSS property to change the border of an element to XYZ 24.0976, 16.7317, 82.0802 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(95, 95, 237) }
```


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

```
.border{ border-color:rgb(95, 95, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 95, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 95, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 95, 237);  
box-shadow:4px 4px 4px 4px rgb(95, 95,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0976, 16.7317, 82.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 95, 237) }
```

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

```
.background{ background-color: rgb(95, 95,  
237) }
```

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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