

Converting Colors

XYZ(24.8809, 17.5281, 85.1586)

Have a look what the booklet for
XYZ(24.8809, 17.5281, 85.1586)
contains.

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Color

**XYZ(24.8610, 17.4659,
85.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	5E62F1
RGB	94, 98, 241
RGB Percent	37%, 38%, 95%
CMY	0.6313, 0.6157, 0.0549
CMYK	0.61, 0.59, 0.00, 0.05
HSL	238°, 84%, 66%
HSV	238°, 61%, 95%
XYZ	24.8610, 17.4659, 85.2800
YIQ	113.1060, -48.2870, 43.6250

Conversions

Conversions Part 2

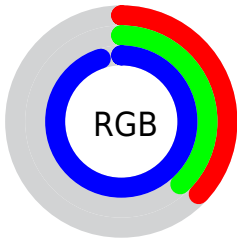
Format	Color
R_{YB}	94, 98, 241
Decimal	6185713
CIE _{Lab}	48.84, 40.27, -72.56
CIE _{LCh}	49, 82.988, 299.032
Yxy	17.4659, 0.1948, 0.1369
Android (android.graphics.Color)	4284375793 (0xFF5E62F1)
YUV	113.1060, 63.0517, -16.7560
Hunter-Lab	41.7922, 33.0482, -91.7309

Details

The XYZ color **24.8610, 17.4659, 85.2800** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **68.5834, 80.0829, 22.4345**, and the grayscale version is **15.5575, 16.3677, 17.8245**.

A 20% lighter version of the original color is **42.7021, 35.8830, 99.2832**, and **9.8356, 5.8283, 45.9540** is the 20% darker color. If you saturate the color by 10%, you get **20.8824, 12.6215, 84.5551**, and if you desaturate by 10%, it is **30.2549, 23.9933, 86.2561**.

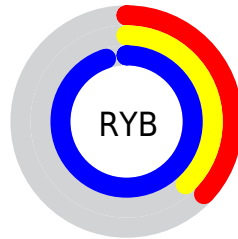
Distribution



Red (37%)

Green (38%)

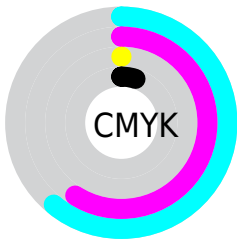
Blue (95%)



Red (37%)

Yellow (38%)

Blue (95%)

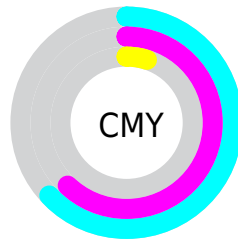


Cyan (61%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (63%)

Magenta (62%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8610, 17.4659, 85.2800 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 24.8610, 17.4659, 85.2800 by changing the saturation by 10% instead.

■ 24.8610, 17.4659,
85.2800

■ 24.8610, 17.4659,
85.2800

269.5054,
237.8431, 532.7229

■ 16.1017, 10.5672,
63.5213

■ 50.8762, 39.1251,
142.6419

■ 9.6875, 5.7766,
45.8193

■ 68.8627, 54.6544,
179.0823

■ 5.2529, 2.7097,
31.7557

■ 90.6558, 73.8294,
221.2535

■ 2.4327, 0.9821,
20.9117

■ 116.6206, 97.0344,
269.5742

■ 0.8614, 0.0000,
12.8688

147.1227,
124.6539, 324.4630

■ 0.0000, 0.0000,
7.2086

182.5272,

■ 0.0000, 0.0000,

157.0723, 386.3383

3.5125

223.1997,
194.6739, 455.6188

■ 0.0000, 0.0000,
1.3619

■ 0.0000, 0.0000,
0.1117

■ 24.8610, 17.4659,
85.2800

■ 24.8610, 17.4659,
85.2800

■ 20.8824, 12.6215,
84.5551

■ 30.2549, 23.9933,
86.2561

■ 18.1839, 9.3045,
84.0570

■ 37.1772, 32.3377,
87.5019

■ 16.6091, 7.3328,
83.7595

■ 45.7328, 42.6211,
89.0358

■ 15.9483, 6.4930,
83.6322

■ 56.0166, 54.9546,
90.8744

■ 68.1161, 69.4409,
93.0328

■ 82.1130, 86.1758,
95.5253

■ 92.8773, 99.1309,
97.4585

Harmonies

Analogous

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



16.3522, 17.4659, 100.5663



24.8610, 17.4659, 85.2800



32.7828, 17.4659, 50.1930

Triad

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



24.8610, 17.4659, 85.2800



25.4317, 17.4659, 0.9125



5.7705, 17.4659, 18.3108

Complementary

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



24.8610, 17.4659, 85.2800



68.5834, 80.0829, 22.4345

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.



6.8754, 17.4659, 4.4894



24.8610, 17.4659, 85.2800



16.8519, 17.4659, 0.0863

Square

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



24.8610, 17.4659, 85.2800



33.1776, 17.4659, 4.9796



10.4088, 17.4659, 0.8144



6.7375, 17.4659, 47.8632

Rectangle

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



24.8610, 17.4659, 85.2800



35.7615, 17.4659, 28.2667



10.4088, 17.4659, 0.8144



5.9040, 17.4659, 12.0441

Sweetspot

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



24.8619, 17.4664, 85.2805



67.5050, 67.0543, 103.9926



51.2274, 71.3530, 90.5062



13.6358, 13.3784, 22.1136



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.



24.8619, 17.4664, 85.2805



22.9360, 13.3646, 95.9785



34.9042, 22.1027, 85.6461



14.9317, 15.2975, 19.8873



8.6640, 3.5522, 45.3569



0.7328, 0.3196, 3.7773

Inverse Universe

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



42.4839, 27.5896, 14.6414



44.5917, 25.9909, 9.1282



50.5783, 72.5357, 21.9267



15.7902, 15.7658, 16.4514



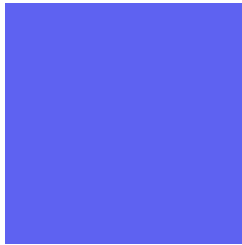
19.6988, 10.1519, 1.0644



1.6448, 0.8470, 0.1205

Previews

White Background



This preview shows how the XYZ color 24.8610, 17.4659, 85.2800 looks on a white background.

Color Contrast Check

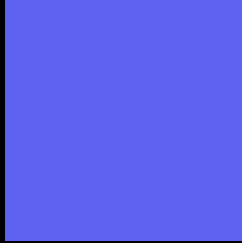
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8610, 17.4659, 85.2800 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 24.8610, 17.4659, 85.2800

Background



This preview shows how black text looks on a background with the XYZ color 24.8610, 17.4659, 85.2800.



This preview shows how white text looks on a background with the XYZ color 24.8610, 17.4659,

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

24.8610, 17.4659, 85.2800

Protanopia

20.8248, 17.4250, 81.6227

Deuteranopia

17.3775, 17.3165, 59.5533



Tritanopia

13.1010, 17.4985, 26.3540

Trichromacy



Original Color

24.8610, 17.4659, 85.2800

Protanomaly

21.2463, 16.8212, 83.0159

Deuteranomaly

18.8685, 16.7187, 67.8782

Tritanomaly

15.9699, 16.6101, 42.9218

Monochromacy



Original Color

24.8610, 17.4659, 85.2800

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

17.6516, 16.3274, 35.4789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8610, 17.4659, 85.2800 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(94, 98, 241)` looks like.

```
.text, #text, p{  
    color:rgb(94, 98, 241)  
}
```

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(94, 98, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 98, 241) }
```

Border

The CSS property to change the border of an element to XYZ 24.8610, 17.4659, 85.2800 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(94, 98, 241) }
```


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

```
.border{ border-color:rgb(94, 98, 241) }
```

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

Here you see how a box with a 4 pixel rgb(94, 98, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 98, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 98, 241);  
box-shadow:4px 4px 4px 4px rgb(94, 98,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8610, 17.4659, 85.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 98, 241) }
```

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

```
.background{ background-color: rgb(94, 98,  
241) }
```

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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