

Converting Colors

XYZ(25.2889, 17.8150, 85.0695)

Have a look what the booklet for
XYZ(25.2889, 17.8150, 85.0695)
contains.

XYZ(25.3760, 17.8712, 85.3311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.3760, 17.8712,
85.3311)**

Conversions

Conversions Part 1

Format	Color
Hex	6263F1
RGB	98, 99, 241
RGB Percent	38%, 39%, 95%
CMY	0.6157, 0.6118, 0.0549
CMYK	0.59, 0.59, 0.00, 0.05
HSL	240°, 84%, 66%
HSV	240°, 59%, 95%
XYZ	25.3760, 17.8712, 85.3311
YIQ	114.8890, -46.1780, 43.9500

Conversions

Conversions Part 2

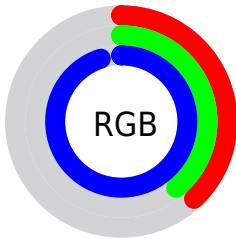
Format	Color
R _Y B	98, 99, 241
Decimal	6448113
CIE Lab	49.34, 40.32, -71.74
CIE LCh	49, 82.294, 299.338
Yxy	17.8712, 0.1974, 0.1390
Android (android.graphics.Color)	4284638193 (0xFF6263F1)
YUV	114.8890, 62.1727, -14.8117
Hunter-Lab	42.2743, 33.1680, -90.0853

Details

The XYZ color **25.3760, 17.8712, 85.3311** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **69.6431, 81.9075, 23.6962**, and the grayscale version is **16.0908, 16.9288, 18.4355**.

A 20% lighter version of the original color is **43.4536, 36.5063, 99.3639**, and **9.9799, 5.9683, 45.9734** is the 20% darker color. If you saturate the color by 10%, you get **21.2148, 12.8444, 84.5806**, and if you desaturate by 10%, it is **30.9931, 24.6456, 86.3431**.

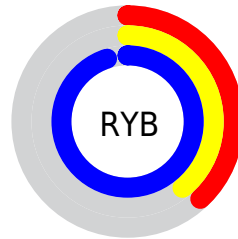
Distribution



Red (38%)

Green (39%)

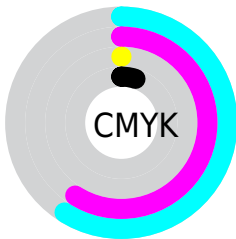
Blue (95%)



Red (38%)

Yellow (39%)

Blue (95%)

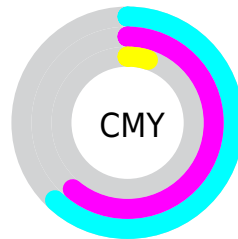


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (61%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3760, 17.8712, 85.3311 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 25.3760, 17.8712, 85.3311 by changing the saturation by 10% instead.

■ 25.3760, 17.8712,
85.3311

■ 25.3760, 17.8712,
85.3311

272.0185,
240.1441, 532.8962

■ 16.4876, 10.8576,
63.5633

■ 51.7051, 39.8177,
142.7139

■ 9.9629, 5.9711,
45.8531

■ 69.8765, 55.5194,
179.1660

■ 5.4364, 2.8275,
31.7821

■ 91.8729, 74.8859,
221.3500

■ 2.5429, 1.0424,
20.9317

■ 118.0598, 98.3016,
269.6843

■ 0.9169, 0.0000,
12.8833

148.8024,
126.1508, 324.5875

■ 0.0000, 0.0000,
7.2185

184.4662,

■ 0.0000, 0.0000,

158.8181, 386.4782

3.5186

225.4165,
196.6877, 455.7749

■ 0.0000, 0.0000,
1.3651

■ 0.0000, 0.0000,
0.1143

■ 25.3760, 17.8712,
85.3311

■ 25.3760, 17.8712,
85.3311

■ 21.2148, 12.8444,
84.5806

■ 30.9931, 24.6456,
86.3431

■ 18.3729, 9.4036,
84.0662

■ 38.1811, 33.3066,
87.6360

■ 16.6924, 7.3598,
83.7603

■ 47.0462, 43.9809,
89.2291

■ 15.9329, 6.4322,
83.6213

■ 57.6850, 56.7840,
91.1396

■ 15.8954, 6.3872,
83.6146

■ 70.1866, 71.8224,
93.3834

■ 84.6341, 89.1957,
95.9753

■ 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.



16.8147, 17.8712, 100.8308



25.3760, 17.8712, 85.3311



33.2834, 17.8712, 50.3130

Triad

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



25.3760, 17.8712, 85.3311



25.7672, 17.8712, 0.9987



6.0236, 17.8712, 18.9705

Complementary

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



25.3760, 17.8712, 85.3311



69.6431, 81.9075, 23.6962

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.



7.1274, 17.8712, 4.8072



25.3760, 17.8712, 85.3311



17.1585, 17.8712, 0.1943

Square

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



25.3760, 17.8712, 85.3311



33.5534, 17.8712, 5.1508



10.6851, 17.8712, 0.9319



7.0314, 17.8712, 48.7235

Rectangle

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



25.3760, 17.8712, 85.3311



36.2231, 17.8712, 28.4624



10.6851, 17.8712, 0.9319



6.1528, 17.8712, 12.5875

Sweetspot

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



25.3769, 17.8717, 85.3316



67.2761, 66.5966, 103.9163



52.0167, 71.7174, 92.4665



13.5815, 13.2698, 22.0955



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.



25.3769, 17.8717, 85.3316



23.4003, 13.7342, 96.0254



36.2075, 23.3163, 85.8117



14.9061, 15.2463, 19.8788



8.6237, 3.4716, 45.3434



0.7205, 0.2950, 3.7732

Inverse Universe

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



42.8963, 28.3384, 15.0134



44.9625, 26.6617, 9.4703



50.6489, 72.5508, 22.8913



15.7773, 15.7606, 16.3835



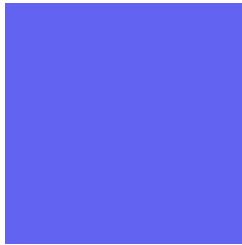
19.6785, 10.1438, 0.9574



1.6386, 0.8445, 0.0878

Previews

White Background



This preview shows how the XYZ color 25.3760, 17.8712, 85.3311 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 25.3760, 17.8712, 85.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

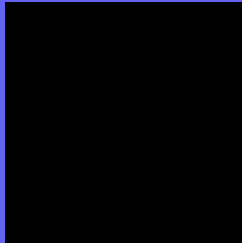
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3760, 17.8712, 85.3311

Background



This preview shows how black text looks on a background with the XYZ color 25.3760, 17.8712, 85.3311.



This preview shows how white text looks on a background with the XYZ color 25.3760, 17.8712,

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

25.3760, 17.8712, 85.3311

Protanopia

21.3742, 17.8203, 83.9745

Deuteranopia

17.9790, 17.9379, 61.5463



Tritanopia

13.5930, 17.7438, 26.7532

Trichromacy



Original Color

25.3760, 17.8712, 85.3311



Protanomaly

21.7134, 17.1817, 84.6101



Deuteranomaly

19.3079, 17.0779, 69.2966



Tritanomaly

16.5534, 17.0829, 42.9823

Monochromacy



Original Color

25.3760, 17.8712, 85.3311



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

18.2083, 16.7617, 35.9939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3760, 17.8712, 85.3311 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(98, 99, 241)` looks like.

```
.text, #text, p{  
    color:rgb(98, 99, 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(98, 99, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 99, 241) }
```

Border

The CSS property to change the border of an element to XYZ 25.3760, 17.8712, 85.3311 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(98, 99, 241) }
```


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

```
.border{ border-color:rgb(98, 99, 241) }
```

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

Here you see how a box with a 4 pixel rgb(98, 99, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 99, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 99, 241);  
box-shadow:4px 4px 4px 4px rgb(98, 99,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3760, 17.8712, 85.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 99, 241) }
```

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

```
.background{ background-color: rgb(98, 99,  
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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