

Converting Colors

XYZ(25.2315, 17.5016, 86.0527)

Have a look what the booklet for
XYZ(25.2315, 17.5016, 86.0527)
contains.

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Color

**XYZ(25.2315, 17.5016,
86.0527)**

Conversions

Conversions Part 1

Format	Color
Hex	6161F2
RGB	97, 97, 242
RGB Percent	38%, 38%, 95%
CMY	0.6196, 0.6196, 0.0510
CMYK	0.60, 0.60, 0.00, 0.05
HSL	240°, 85%, 66%
HSV	240°, 60%, 95%
XYZ	25.2315, 17.5016, 86.0527
YIQ	113.5300, -46.5450, 45.0950

Conversions

Conversions Part 2

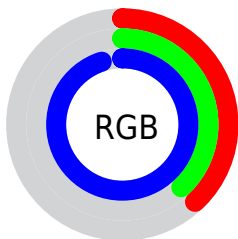
Format	Color
R_{YB}	97, 97, 242
Decimal	6382066
CIE _{Lab}	48.89, 41.66, -73.04
CIE _{LCh}	49, 84.087, 299.702
Yxy	17.5016, 0.1959, 0.1359
Android (android.graphics.Color)	4284572146 (0xFF6161F2)
YUV	113.5300, 63.3357, -14.4968
Hunter-Lab	41.8349, 34.4459, -92.6727

Details

The XYZ color **25.2315, 17.5016, 86.0527** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **70.5255, 83.2437, 23.6598**, and the grayscale version is **15.6817, 16.4984, 17.9668**.

A 20% lighter version of the original color is **42.9380, 35.7707, 99.2491**, and **9.9101, 5.7904, 46.4943** is the 20% darker color. If you saturate the color by 10%, you get **21.1297, 12.5587, 85.3153**, and if you desaturate by 10%, it is **30.8030, 24.2142, 87.0551**.

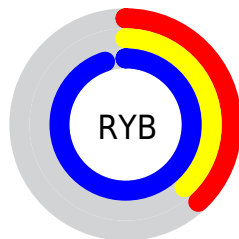
Distribution



Red (38%)

Green (38%)

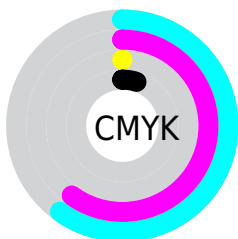
Blue (95%)



Red (38%)

Yellow (38%)

Blue (95%)

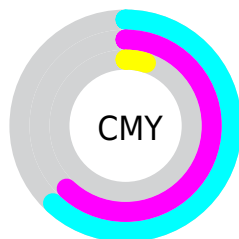


Cyan (60%)

Magenta (60%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (62%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2315, 17.5016, 86.0527 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 25.2315, 17.5016, 86.0527 by changing the saturation by 10% instead.

■ 25.2315, 17.5016,
86.0527

■ 25.2315, 17.5016,
86.0527

271.3153,
238.0466, 535.3401

■ 16.3793, 10.5928,
64.1564

■ 51.4727, 39.1862,
143.7302

■ 9.8855, 5.7937,
46.3304

■ 69.5924, 54.7308,
180.3485

■ 5.3848, 2.7201,
32.1561

■ 91.5320, 73.9227,
222.7113

■ 2.5118, 0.9874,
21.2149

■ 117.6568, 97.1464,
271.2370

■ 0.9012, 0.0000,
13.0884

148.3322,
124.7862, 326.3441

■ 0.0000, 0.0000,
7.3580

183.9235,

■ 0.0000, 0.0000,

157.2266, 388.4514

3.6052

224.7961,
194.8519, 457.9772

■ 0.0000, 0.0000,
1.4113

■ 0.0000, 0.0000,
0.1505

■ 25.2315, 17.5016,
86.0527

■ 25.2315, 17.5016,
86.0527

■ 21.1297, 12.5587,
85.3153

■ 30.8030, 24.2142,
87.0551

■ 18.3567, 9.2175,
84.8165

■ 37.9624, 32.8408,
88.3429

■ 16.7486, 7.2800,
84.5273

■ 46.8191, 43.5127,
89.9360

■ 16.0319, 6.4166,
84.3984

■ 57.4721, 56.3489,
91.8522

■ 16.0273, 6.4109,
84.3975

■ 70.0126, 71.4596,
94.1079

■ 84.5257, 88.9473,
96.7184

■ 93.0271, 99.1908,
98.2475

Harmonies

Analogous

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



16.5568, 17.5016, 102.4148



25.2315, 17.5016, 86.0527



33.2432, 17.5016, 49.9942

Triad

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



25.2315, 17.5016, 86.0527



25.4104, 17.5016, 0.8169



5.6898, 17.5016, 18.8336

Complementary

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



25.2315, 17.5016, 86.0527



70.5255, 83.2437, 23.6598

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.



6.7520, 17.5016, 4.5592



25.2315, 17.5016, 86.0527



16.7129, 17.5016, 0.0140

Square

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



25.2315, 17.5016, 86.0527



33.3672, 17.5016, 4.7101



10.2530, 17.5016, 0.7863



6.7093, 17.5016, 49.2613

Rectangle

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



25.2315, 17.5016, 86.0527



36.1944, 17.5016, 27.8165



10.2530, 17.5016, 0.7863



5.8088, 17.5016, 12.3605

Sweetspot

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



25.2324, 17.5021, 86.0532



67.1985, 66.4403, 103.8903



52.7092, 72.4568, 95.2123



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.



25.2324, 17.5021, 86.0532



22.9574, 13.1327, 95.9326



36.7716, 23.4507, 86.5932



14.8974, 15.2288, 19.8759



8.6100, 3.4440, 45.3388



0.7163, 0.2865, 3.7718

Inverse Universe

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



56.9188, 33.8371, 87.5301



61.5672, 33.0369, 97.7314



50.3797, 72.8581, 22.7170



16.4543, 16.0314, 19.9485



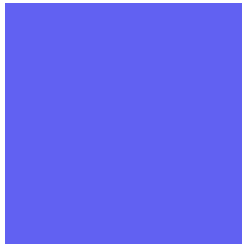
28.2803, 13.5845, 46.2541



2.3527, 1.1301, 3.8480

Previews

White Background



This preview shows how the XYZ color 25.2315, 17.5016, 86.0527 looks on a white background.

Color Contrast Check

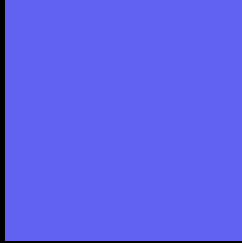
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2315, 17.5016, 86.0527 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 25.2315, 17.5016, 86.0527

Background



This preview shows how black text looks on a background with the XYZ color 25.2315, 17.5016, 86.0527.



This preview shows how white text looks on a background with the XYZ color 25.2315, 17.5016,

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

25.2315, 17.5016, 86.0527

Protanopia

20.8248, 17.4250, 81.6227

Deuteranopia

17.3775, 17.3165, 59.5533



Tritanopia

13.1951, 17.3562, 26.3215

Trichromacy



Original Color

25.2315, 17.5016, 86.0527

Protanomaly

21.2798, 16.8384, 83.0175

Deuteranomaly

18.9240, 16.5711, 68.5308

Tritanomaly

16.1154, 16.5149, 42.8958

Monochromacy



Original Color

25.2315, 17.5016, 86.0527

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.9799, 16.4865, 35.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2315, 17.5016, 86.0527 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(97, 97, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 97, 242)  
}
```

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(97, 97, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 97, 242) }
```

Border

The CSS property to change the border of an element to XYZ 25.2315, 17.5016, 86.0527 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(97, 97, 242) }
```


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

```
.border{ border-color:rgb(97, 97, 242) }
```

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

Here you see how a box with a 4 pixel rgb(97, 97, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 97, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 97, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 97,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2315, 17.5016, 86.0527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 97, 242) }
```

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

```
.background{ background-color: rgb(97, 97,  
242) }
```

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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