

Converting Colors

XYZ(25.3455, 15.4607, 96.2561)

Have a look what the booklet for
XYZ(25.3455, 15.4607, 96.2561)
contains.

XYZ(25.3817, 15.4787, 96.2577)	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>	30

Color

**XYZ(25.3817, 15.4787,
96.2577)**

Conversions

Conversions Part 1

Format	Color
Hex	5B52FF
RGB	91, 82, 255
RGB Percent	36%, 32%, 100%
CMY	0.6431, 0.6784, 0.0000
CMYK	0.64, 0.68, 0.00, 0.00
HSL	243°, 100%, 66%
HSV	243°, 68%, 100%
XYZ	25.3817, 15.4787, 96.2577
YIQ	104.4130, -50.1690, 55.7110

Conversions

Conversions Part 2

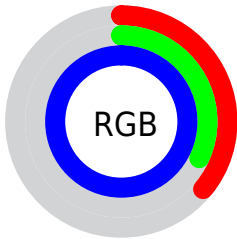
Format	Color
R_{YB}	91, 82, 255
Decimal	5985023
CIE _{Lab}	46.28, 53.52, -84.57
CIE _{LCh}	46, 100.079, 302.329
Yxy	15.4787, 0.1851, 0.1129
Android (android.graphics.Color)	4284175103 (0xFF5B52FF)
YUV	104.4130, 74.2394, -11.7632
Hunter-Lab	39.3430, 46.3071, -117.5206

Details

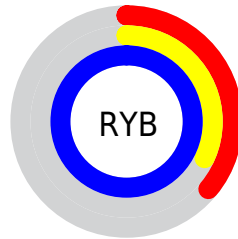
The XYZ color **25.3817, 15.4787, 96.2577** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **75.2850, 91.7200, 21.7181**, and the grayscale version is **13.0864, 13.7679, 14.9932**.

A 20% lighter version of the original color is **40.3422, 31.1632, 98.4966**, and **10.6501, 5.1753, 53.2609** is the 20% darker color. If you saturate the color by 10%, you get **21.7921, 11.2845, 95.6373**, and if you desaturate by 10%, it is **30.4540, 21.4968, 97.1519**.

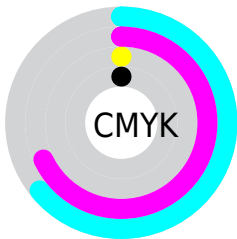
Distribution



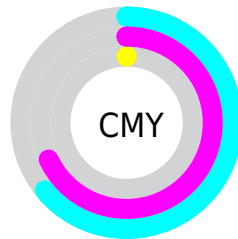
- Red (36%)
- Green (32%)
- Blue (100%)



- Red (36%)
- Yellow (32%)
- Blue (100%)



- Cyan (64%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3817, 15.4787, 96.2577 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 25.3817, 15.4787, 96.2577 by changing the saturation by 10% instead.

■ 25.3817, 15.4787,
96.2577

■ 25.3817, 15.4787,
96.2577

272.0462,
226.2457, 569.2704

■ 16.4919, 9.1560,
72.5795

■ 51.7142, 35.6908,
158.0115

■ 9.9660, 4.8431,
53.1425

■ 69.8877, 50.3490,
196.9243

■ 5.4385, 2.1555,
37.5280

■ 91.8864, 68.5546,
241.7523

■ 2.5441, 0.6956,
25.3176

■ 118.0757, 90.6918,
292.9141

■ 0.9176, 0.0000,
16.0927

■ 148.8210,
117.1451, 350.8283

■ 0.0000, 0.0000,
9.4347

184.4876,

■ 0.0000, 0.0000,

148.2990, 415.9134

4.9251

225.4409,
184.5377, 488.5879

■ 0.0000, 0.0000,
2.1454

■ 0.0000, 0.0000,
0.6426

■ 25.3817, 15.4787,
96.2577

■ 25.3817, 15.4787,
96.2577

■ 21.7921, 11.2845,
95.6373

■ 30.4540, 21.4968,
97.1519

■ 19.5223, 8.7063,
95.2593

■ 37.1439, 29.5141,
98.3468

■ 18.3685, 7.4728,
95.0820

■ 45.5741, 39.6862,
99.8659

■ 18.2202, 7.3077,
95.0580

■ 55.8546, 52.1533,
101.7305

■ 68.0865, 67.0435,
103.9599

■ 82.3634, 84.4756,
106.5721

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



15.3909, 15.4787, 121.3876



25.3817, 15.4787, 96.2577



34.6239, 15.4787, 49.5736

Triad

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



25.3817, 15.4787, 96.2577



23.7520, 15.4787, 0.0000



3.6354, 15.4787, 18.8420

Complementary

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



25.3817, 15.4787, 96.2577



75.2850, 91.7200, 21.7181

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.



4.4218, 15.4787, 3.0754



25.3817, 15.4787, 96.2577



14.0535, 15.4787, 0.0000

Square

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



25.3817, 15.4787, 96.2577



33.4543, 15.4787, 2.1270



7.5507, 15.4787, 0.0000



4.7287, 15.4787, 56.6991

Rectangle

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



25.3817, 15.4787, 96.2577



37.7844, 15.4787, 23.9585



7.5507, 15.4787, 0.0000



3.6883, 15.4787, 11.3138

Sweetspot

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



25.3825, 15.4790, 96.2577



65.2791, 63.6217, 103.4474



54.5919, 75.1384, 106.2336



13.2194, 12.7005, 22.0047



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.



25.3825, 15.4790, 96.2577



20.9415, 10.3071, 95.4935



39.2327, 22.6190, 96.9059



17.0905, 17.4229, 22.7121



9.5562, 3.8369, 49.6715



0.9599, 0.3888, 4.8377

Inverse Universe

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



60.8900, 33.9475, 90.5230



58.6813, 29.9572, 88.4696



51.7500, 79.5872, 20.6167



18.7494, 18.2831, 22.5634



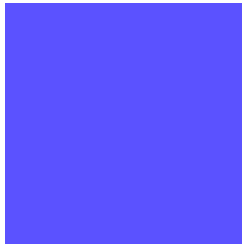
29.9189, 14.4568, 45.0848



2.9251, 1.4124, 4.4532

Previews

White Background



This preview shows how the XYZ color 25.3817, 15.4787, 96.2577 looks on a white background.

Color Contrast Check

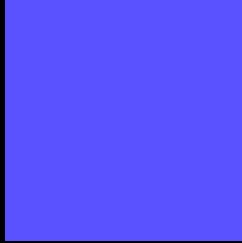
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3817, 15.4787, 96.2577 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 25.3817, 15.4787, 96.2577

Background



This preview shows how black text looks on a background with the XYZ color 25.3817, 15.4787, 96.2577.

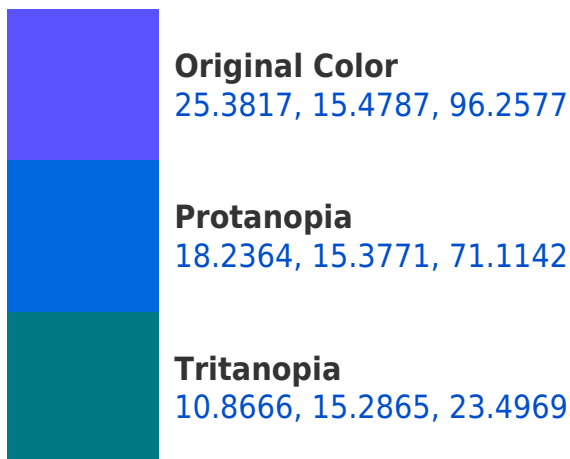


This preview shows how white text looks on a background with the XYZ color 25.3817, 15.4787,

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



Trichromacy



Original Color

25.3817, 15.4787, 96.2577

Protanomaly

19.7532, 14.8132, 79.6600

Tritanomaly

13.6228, 13.9339, 42.5289

Monochromacy



Original Color

25.3817, 15.4787, 96.2577

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.5865, 13.5216, 34.5893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3817, 15.4787, 96.2577 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(91, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(91, 82, 255)  
}
```

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(91, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 82, 255) }
```

Border

The CSS property to change the border of an element to XYZ 25.3817, 15.4787, 96.2577 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(91, 82, 255) }
```

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

```
.border{ border-color:rgb(91, 82, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 82, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(91, 82,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 25.3817, 15.4787, 96.2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 82, 255) }
```

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

```
.background{ background-color: rgb(91, 82,  
255) }
```

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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