

Converting Colors

XYZ(25.5073, 14.7990, 85.7138)

Have a look what the booklet for
XYZ(25.5073, 14.7990, 85.7138)
contains.

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Color

**XYZ(25.4798, 14.8207,
85.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	7349F2
RGB	115, 73, 242
RGB Percent	45%, 29%, 95%
CMY	0.5490, 0.7137, 0.0510
CMYK	0.52, 0.70, 0.00, 0.05
HSL	255°, 87%, 62%
HSV	255°, 70%, 95%
XYZ	25.4798, 14.8207, 85.5222
YIQ	104.8240, -29.2170, 61.4630

Conversions

Conversions Part 2

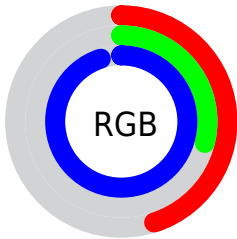
Format	Color
R_{YB}	115, 73, 242
Decimal	7555570
CIE _{Lab}	45.39, 57.79, -78.69
CIE _{LCh}	45, 97.633, 306.295
Yxy	14.8207, 0.2025, 0.1178
Android (android.graphics.Color)	4285745650 (0xFF7349F2)
YUV	104.8240, 67.6278, 8.9244
Hunter-Lab	38.4977, 50.7699, -104.7638

Details

The XYZ color **25.4798, 14.8207, 85.5222** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **56.7726, 76.2641, 18.0314**, and the grayscale version is **13.2092, 13.8971, 15.1340**.

A 20% lighter version of the original color is **43.5151, 31.2343, 98.3431**, and **10.0458, 4.5386, 46.2455** is the 20% darker color. If you saturate the color by 10%, you get **22.0278, 11.1223, 84.9907**, and if you desaturate by 10%, it is **30.0233, 19.9992, 86.2827**.

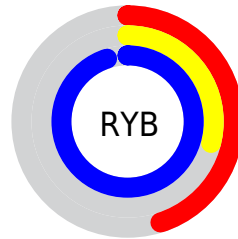
Distribution



Red (45%)

Green (29%)

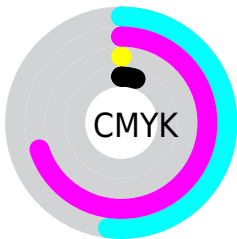
Blue (95%)



Red (45%)

Yellow (29%)

Blue (95%)

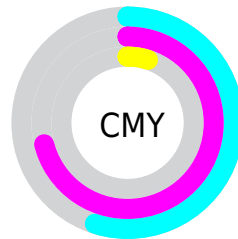


Cyan (52%)

Magenta (70%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (71%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4798, 14.8207, 85.5222 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 25.4798, 14.8207, 85.5222 by changing the saturation by 10% instead.

■ 25.4798, 14.8207,
85.5222

■ 25.4798, 14.8207,
85.5222

272.5228,
222.2784, 533.5440

■ 16.5655, 8.6936,
63.7203

■ 51.8718, 34.5383,
142.9832

■ 10.0186, 4.5419,
45.9794

■ 70.0803, 48.8977,
179.4793

■ 5.4736, 1.9811,
31.8811

■ 92.1176, 66.7699,
221.7107

■ 2.5653, 0.5964,
21.0066

■ 118.3489, 88.5395,
270.0958

■ 0.9283, 0.0000,
12.9375

■ 149.1398,
114.5907, 325.0531

■ 0.0000, 0.0000,
7.2553

184.8555,

■ 0.0000, 0.0000,

145.3080, 387.0012

3.5414

225.8614,
181.0758, 456.3587

■ 0.0000, 0.0000,
1.3773

■ 0.0000, 0.0000,
0.1239

■ 25.4798, 14.8207,
85.5222

■ 25.4798, 14.8207,
85.5222

■ 22.0278, 11.1223,
84.9907

■ 30.0233, 19.9992,
86.2827

■ 19.5605, 8.7358,
84.6601

■ 35.7455, 26.7982,
87.2934

■ 17.9223, 7.3943,
84.4875

■ 42.7271, 35.3425,
88.5747

■ 17.8997, 7.3762,
84.4852

■ 51.0407, 45.7443,
90.1442

60.7531, 58.1061,
92.0184

71.9266, 72.5230,
94.2122

84.6195, 89.0837,
96.7398

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.



15.8666, 14.8207, 113.6640



25.4798, 14.8207, 85.5222



33.7311, 14.8207, 41.5717

Triad

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



25.4798, 14.8207, 85.5222



21.3313, 14.8207, 0.0000



3.5770, 14.8207, 21.5460

Complementary

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



25.4798, 14.8207, 85.5222



56.7726, 76.2641, 18.0314

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.



4.0895, 14.8207, 4.0188



25.4798, 14.8207, 85.5222



12.4451, 14.8207, 0.0000

Square

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



25.4798, 14.8207, 85.5222



30.7624, 14.8207, 1.5096



6.7256, 14.8207, 0.0000



4.8859, 14.8207, 59.6342

Rectangle

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



25.4798, 14.8207, 85.5222



36.0800, 14.8207, 19.1982



6.7256, 14.8207, 0.0000



3.5524, 14.8207, 13.4203

Sweetspot

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



25.4806, 14.8211, 85.5226



66.9957, 63.6142, 103.3555



40.0285, 50.3349, 91.6107



13.6687, 12.7589, 21.9922



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.



25.4806, 14.8211, 85.5226



23.4564, 11.1740, 95.5282



41.4181, 23.0372, 86.2685



15.2653, 15.4185, 19.8931



9.7202, 4.0164, 45.3908



0.8965, 0.3794, 3.7802

Inverse Universe

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



49.4252, 27.8122, 57.4030



52.6581, 27.0849, 58.1798



40.4351, 67.8418, 17.2668



16.2766, 15.9603, 19.0127



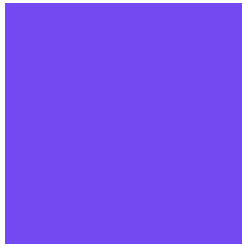
24.2563, 11.9750, 25.0642



2.0572, 1.0119, 2.2920

Previews

White Background



This preview shows how the XYZ color 25.4798, 14.8207, 85.5222 looks on a white background.

Color Contrast Check

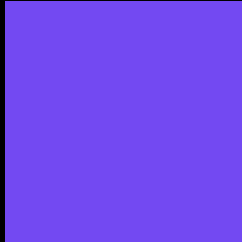
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4798, 14.8207, 85.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

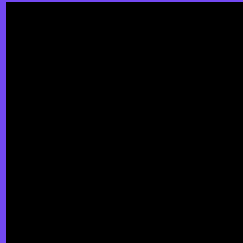
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.4798, 14.8207, 85.5222

Background



This preview shows how black text looks on a background with the XYZ color 25.4798, 14.8207, 85.5222.



This preview shows how white text looks on a background with the XYZ color 25.4798, 14.8207,

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

25.4798, 14.8207, 85.5222

Protanopia

17.5051, 14.7625, 68.2565

Deuteranopia

14.6530, 14.7827, 49.6580



Tritanopia

12.4785, 14.7932, 20.6100

Trichromacy



Original Color

25.4798, 14.8207, 85.5222



Protanomaly

18.6471, 13.6926, 74.3332



Deuteranomaly

16.6147, 13.5957, 61.4230



Tritanomaly

15.5650, 13.7127, 37.9028

Monochromacy



Original Color

25.4798, 14.8207, 85.5222



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

16.1374, 13.4465, 32.7552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4798, 14.8207, 85.5222 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(115, 73, 242)` looks like.

```
.text, #text, p{  
    color:rgb(115, 73, 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(115, 73, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 73, 242) }
```

Border

The CSS property to change the border of an element to XYZ 25.4798, 14.8207, 85.5222 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(115, 73, 242) }
```


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

```
.border{ border-color:rgb(115, 73, 242) }
```

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

Here you see how a box with a 4 pixel rgb(115, 73, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 73, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 73, 242);  
box-shadow:4px 4px 4px 4px rgb(115, 73,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4798, 14.8207, 85.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 73, 242) }
```

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

```
.background{ background-color: rgb(115, 73,  
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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