

Converting Colors

XYZ(25.4073, 24.1506, 45.9760)

Have a look what the booklet for
XYZ(25.4073, 24.1506, 45.9760)
contains.

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Color

**XYZ(25.4589, 24.2331,
45.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	8283B3
RGB	130, 131, 179
RGB Percent	51%, 51%, 70%
CMY	0.4902, 0.4863, 0.2980
CMYK	0.27, 0.27, 0.00, 0.30
HSL	239°, 24%, 61%
HSV	239°, 27%, 70%
XYZ	25.4589, 24.2331, 45.9835
YIQ	136.1730, -16.0040, 14.7160

Conversions

Conversions Part 2

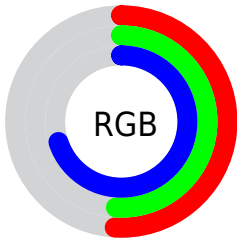
Format	Color
R_{YB}	130, 131, 179
Decimal	8553395
CIE _{Lab}	56.32, 10.58, -25.36
CIE _{LCh}	56, 27.481, 292.647
Yxy	24.2331, 0.2661, 0.2533
Android (android.graphics.Color)	4286743475 (0xFF8283B3)
YUV	136.1730, 21.1137, -5.4137
Hunter-Lab	49.2271, 6.1678, -20.9243

Details

The XYZ color **25.4589, 24.2331, 45.9835** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.5405, 43.0365, 27.3954**, and the grayscale version is **23.3948, 24.6132, 26.8038**.

A 20% lighter version of the original color is **51.9031, 50.4695, 85.6033**, and **10.0076, 9.2032, 20.9876** is the 20% darker color. If you saturate the color by 10%, you get **20.7894, 18.6212, 45.1468**, and if you desaturate by 10%, it is **31.0062, 30.8903, 46.9765**.

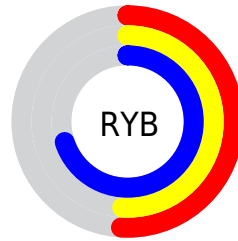
Distribution



Red (51%)

Green (51%)

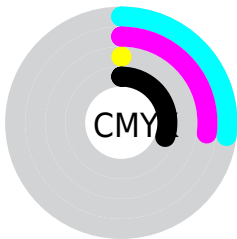
Blue (70%)



Red (51%)

Yellow (51%)

Blue (70%)

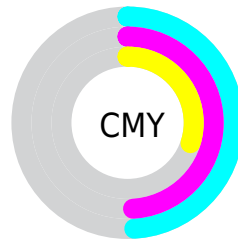


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (49%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4589, 24.2331, 45.9835 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 25.4589, 24.2331, 45.9835 by changing the saturation by 10% instead.

■ 25.4589, 24.2331,
45.9835

■ 25.4589, 24.2331,
45.9835

272.4213,
273.9968, 387.0180

■ 16.5498, 15.5066,
31.8842

■ 51.8383, 50.4103,
85.5283

■ 10.0074, 9.1757,
21.0090

■ 70.0393, 68.6299,
111.8110

■ 5.4661, 4.8560,
12.9393

■ 92.0683, 90.7825,
142.9918

■ 2.5608, 2.1630,
7.2565

118.2907,
117.2527, 179.4894

■ 0.9260, 0.6997,
3.5422

149.0719,
148.4249, 221.7223

■ 0.0000, 0.0000,
1.3777

184.7771,

■ 0.0000, 0.0000,

184.6834, 270.1089

0.1242

225.7718,
226.4125, 325.0680

■ 0.0000, 0.0000,
0.0000

■ 25.4589, 24.2331,
45.9835

■ 25.4589, 24.2331,
45.9835

■ 20.7894, 18.6212,
45.1468

■ 31.0062, 30.8903,
46.9765

■ 16.9504, 13.9987,
44.4569

■ 37.4706, 38.6389,
48.1314

■ 13.8941, 10.3093,
43.9059

■ 44.8916, 47.5260,
49.4557

■ 11.5667, 7.4894,
43.4843

■ 53.3060, 57.5950,
50.9557

■ 9.9074, 5.4678,
43.1815

■ 62.7486, 68.8868,
52.6376

■ 8.8459, 4.1620,
42.9854

■ 73.2524, 81.4406,
54.5071

■ 8.2853, 3.4644,
42.8803

■ 84.7376, 95.2364,
56.5646

■ 8.1764, 3.3341,
42.8609

■ 85.1368, 96.0347,
56.6977

Harmonies

Analogous

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



22.2619, 24.2331, 47.7457



25.4589, 24.2331, 45.9835



28.2224, 24.2331, 38.4492

Triad

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



25.4589, 24.2331, 45.9835



26.9300, 24.2331, 14.8055



17.5042, 24.2331, 24.2152

Complementary

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



25.4589, 24.2331, 45.9835



38.5405, 43.0365, 27.3954

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.



18.5220, 24.2331, 17.1531



25.4589, 24.2331, 45.9835



23.8213, 24.2331, 12.5898

Square

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



25.4589, 24.2331, 45.9835



29.1246, 24.2331, 20.2222



20.7660, 24.2331, 13.3378



17.8559, 24.2331, 33.6894

Rectangle

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



25.4589, 24.2331, 45.9835



29.3501, 24.2331, 31.9388



20.7660, 24.2331, 13.3378



17.6940, 24.2331, 21.5168

Sweetspot

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



25.4597, 24.2341, 45.9841



66.1668, 68.0728, 86.0332



33.2990, 40.1756, 47.7869



14.2559, 14.5982, 18.9886



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.4597, 24.2341, 45.9841



40.2445, 36.9711, 81.3962



29.2317, 25.9801, 46.1223



8.0554, 8.2570, 10.6755



5.7837, 2.3677, 30.2892



0.1866, 0.0837, 0.9546

Inverse Universe

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



30.6705, 27.1884, 25.1051



51.1842, 43.2004, 37.5558



33.8861, 40.9337, 27.2349



8.5032, 8.5080, 8.8821



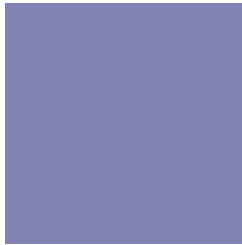
13.1540, 6.7792, 0.7049



0.4162, 0.2142, 0.0344

Previews

White Background



This preview shows how the XYZ color 25.4589, 24.2331, 45.9835 looks on a white background.

Color Contrast Check

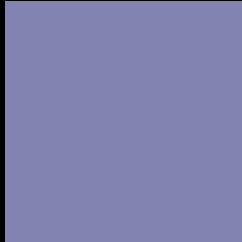
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.4589, 24.2331, 45.9835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

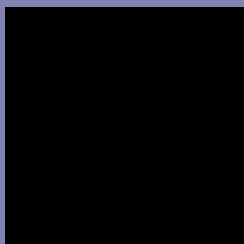
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4589, 24.2331, 45.9835

Background



This preview shows how black text looks on a background with the XYZ color 25.4589, 24.2331, 45.9835.



This preview shows how white text looks on a background with the XYZ color 25.4589, 24.2331,

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

25.4589, 24.2331, 45.9835

Protanopia

24.7541, 24.2488, 47.0919

Deuteranopia

24.8364, 24.3148, 46.0320



Tritanopia

22.6031, 24.3145, 31.5188

Trichromacy



Original Color

25.4589, 24.2331, 45.9835

Protanomaly

24.9469, 24.1578, 46.5281

Deuteranomaly

24.9921, 24.1928, 46.0003

Tritanomaly

23.5262, 24.2668, 36.2449

Monochromacy



Original Color

25.4589, 24.2331, 45.9835

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0241, 24.3855, 33.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4589, 24.2331, 45.9835 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(130, 131, 179)` looks like.

```
.text, #text, p{  
    color:rgb(130, 131, 179)  
}
```

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(130, 131, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 131, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.4589, 24.2331, 45.9835 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(130, 131, 179) }
```


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

```
.border{ border-color:rgb(130, 131, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 131, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 131, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 131, 179);  
box-shadow:4px 4px 4px 4px rgb(130, 131,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4589, 24.2331, 45.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 131, 179) }
```

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

```
.background{ background-color: rgb(130,  
131, 179) }
```

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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