

Converting Colors

XYZ(25.8067, 24.3835, 44.0874)

Have a look what the booklet for
XYZ(25.8067, 24.3835, 44.0874)
contains.

XYZ(25.8458, 24.4786, 43.9201)	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(25.8458, 24.4786,
43.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	8783AF
RGB	135, 131, 175
RGB Percent	53%, 51%, 69%
CMY	0.4706, 0.4863, 0.3137
CMYK	0.23, 0.25, 0.00, 0.31
HSL	245°, 22%, 60%
HSV	245°, 25%, 69%
XYZ	25.8458, 24.4786, 43.9201
YIQ	137.2120, -11.7400, 14.5320

Conversions

Conversions Part 2

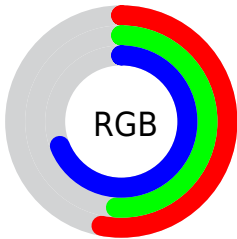
Format	Color
R_{YB}	135, 131, 175
Decimal	8881071
CIE _{Lab}	56.56, 11.16, -22.66
CIE _{LCh}	57, 25.261, 296.210
Yxy	24.4786, 0.2742, 0.2597
Android (android.graphics.Color)	4287071151 (0xFF8783AF)
YUV	137.2120, 18.6295, -1.9399
Hunter-Lab	49.4759, 6.6643, -17.9991

Details

The XYZ color **25.8458, 24.4786, 43.9201** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.2221, 40.9572, 27.4702**, and the grayscale version is **23.7935, 25.0327, 27.2606**.

A 20% lighter version of the original color is **52.5506, 50.8693, 82.6504**, and **10.1863, 9.3245, 19.6753** is the 20% darker color. If you saturate the color by 10%, you get **21.3198, 18.9464, 43.0912**, and if you desaturate by 10%, it is **31.1530, 31.0039, 44.9003**.

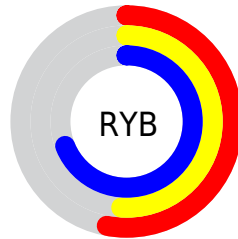
Distribution



Red (53%)

Green (51%)

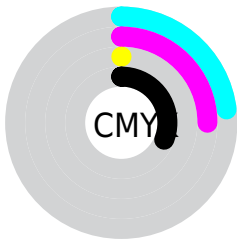
Blue (69%)



Red (53%)

Yellow (51%)

Blue (69%)

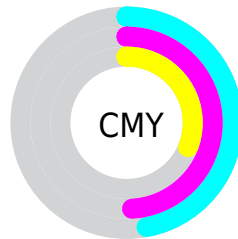


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (31%)



Cyan (47%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8458, 24.4786, 43.9201 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 25.8458, 24.4786, 43.9201 by changing the saturation by 10% instead.

■ 25.8458, 24.4786,
43.9201

■ 25.8458, 24.4786,
43.9201

274.2949,
275.2313, 378.4139

■ 16.8404, 15.6890,
30.2710

■ 52.4592, 50.8101,
82.3987

■ 10.2154, 9.3044,
19.7906

■ 70.7978, 69.1208,
108.0652

■ 5.6053, 4.9402,
12.0603

■ 92.9783, 91.3740,
138.5747

■ 2.6450, 2.2122,
6.6617

119.3659,
117.9541, 174.3455

■ 0.9689, 0.7267,
3.1762

150.3260,
149.2455, 215.7963

■ 0.0000, 0.0000,
1.1853

186.2240,

■ 0.0000, 0.0000,

185.6325, 263.3456

0.0000

227.4251,
227.4997, 317.4120

■ 25.8458, 24.4786,
43.9201

■ 25.8458, 24.4786,
43.9201

■ 21.3198, 18.9464,
43.0912

■ 31.1530, 31.0039,
44.9003

■ 17.5356, 14.3558,
42.4046

■ 37.2732, 38.5647,
46.0371

■ 14.4542, 10.6551,
41.8527

■ 44.2397, 47.2043,
47.3375

■ 12.0321, 7.7863,
41.4266

■ 52.0830, 56.9628,
48.8077

■ 10.2208, 5.6848,
41.1165

■ 60.8322, 67.8783,
50.4535

■ 8.9649, 4.2761,
40.9108

■ 70.5149, 79.9870,
52.2804

■ 8.1983, 3.4695,
40.7955

■ 81.1577, 93.3235,
54.2937

■ 7.9500, 3.2045,
40.7574

■ 84.7379, 95.8752,
54.5975

Harmonies

Analogous

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



22.8955, 24.4786, 46.2259



25.8458, 24.4786, 43.9201



28.2727, 24.4786, 36.6779

Triad

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



25.8458, 24.4786, 43.9201



26.5443, 24.4786, 15.3611



18.0824, 24.4786, 25.6000

Complementary

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



25.8458, 24.4786, 43.9201



36.2221, 40.9572, 27.4702

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.



18.8886, 24.4786, 18.6447



25.8458, 24.4786, 43.9201



23.6408, 24.4786, 13.5713

Square

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



25.8458, 24.4786, 43.9201



28.6991, 24.4786, 20.1395



20.8642, 24.4786, 14.6338



18.5662, 24.4786, 34.4383

Rectangle

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



25.8458, 24.4786, 43.9201



29.1816, 24.4786, 30.6895



20.8642, 24.4786, 14.6338



18.2096, 24.4786, 22.9870

Sweetspot

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



25.8466, 24.4796, 43.9207



63.3132, 64.8101, 81.8095



31.7246, 37.1730, 46.0609



13.7037, 13.9495, 18.1146



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.8466, 24.4796, 43.9207



41.7613, 38.2982, 77.8281



29.6946, 26.4633, 44.1007



7.6439, 7.7907, 10.0536



5.7174, 2.3073, 29.1885



0.1803, 0.0751, 0.8130

Inverse Universe

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



33.1469, 28.2878, 42.2420



57.0571, 46.2804, 74.1660



31.8828, 38.7202, 27.2671



8.3052, 8.1353, 9.9181



17.1599, 8.3265, 24.2853



0.4863, 0.2352, 0.7226

Previews

White Background



This preview shows how the XYZ color 25.8458, 24.4786, 43.9201 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 25.8458, 24.4786, 43.9201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

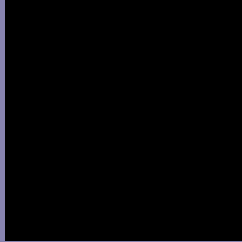
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8458, 24.4786, 43.9201

Background



This preview shows how black text looks on a background with the XYZ color 25.8458, 24.4786, 43.9201.



This preview shows how white text looks on a background with the XYZ color 25.8458, 24.4786,

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

25.8458, 24.4786, 43.9201

Protanopia

24.7731, 24.5096, 45.0201

Deuteranopia

25.0275, 24.4594, 43.9595



Tritanopia

23.2765, 24.4607, 31.0984

Trichromacy



Original Color

25.8458, 24.4786, 43.9201

Protanomaly

25.1261, 24.4988, 44.4788

Deuteranomaly

25.3492, 24.4230, 43.9355

Tritanomaly

24.1266, 24.3900, 35.3344

Monochromacy



Original Color

25.8458, 24.4786, 43.9201

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.4032, 24.7966, 32.7782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8458, 24.4786, 43.9201 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(135, 131, 175)` looks like.

```
.text, #text, p{  
    color:rgb(135, 131, 175)  
}
```

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(135, 131, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 131, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.8458, 24.4786, 43.9201 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(135, 131, 175) }
```


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

```
.border{ border-color:rgb(135, 131, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 131, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 131, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 131, 175);  
box-shadow:4px 4px 4px 4px rgb(135, 131,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8458, 24.4786, 43.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 131, 175) }
```

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

```
.background{ background-color: rgb(135,  
131, 175) }
```

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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