

Converting Colors

XYZ(24.9850, 23.7804, 44.4585)

Have a look what the booklet for
XYZ(24.9850, 23.7804, 44.4585)
contains.

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Color

**XYZ(25.0250, 23.8457,
44.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	8282B0
RGB	130, 130, 176
RGB Percent	51%, 51%, 69%
CMY	0.4902, 0.4902, 0.3098
CMYK	0.26, 0.26, 0.00, 0.31
HSL	240°, 23%, 60%
HSV	240°, 26%, 69%
XYZ	25.0250, 23.8457, 44.3580
YIQ	135.2440, -14.7660, 14.3060

Conversions

Conversions Part 2

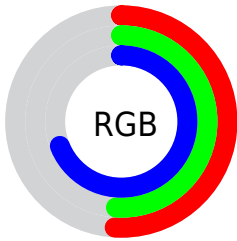
Format	Color
RYB	130, 130, 176
Decimal	8553136
CIELab	55.93, 10.41, -24.24
CIELCh	56, 26.382, 293.241
Yxy	23.8457, 0.2684, 0.2558
Android (android.graphics.Color)	4286743216 (0xFF8282B0)
YUV	135.2440, 20.0927, -4.5990
Hunter-Lab	48.8321, 6.0199, -19.6753

Details

The XYZ color **25.0250, 23.8457, 44.3580** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.4593, 41.8925, 27.2315**, and the grayscale version is **23.0520, 24.2525, 26.4109**.

A 20% lighter version of the original color is **51.2661, 49.8835, 83.2704**, and **9.7420, 8.9772, 19.9582** is the 20% darker color. If you saturate the color by 10%, you get **20.4087, 18.2833, 43.5281**, and if you desaturate by 10%, it is **30.5051, 30.4488, 45.3441**.

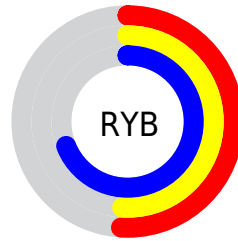
Distribution



Red (51%)

Green (51%)

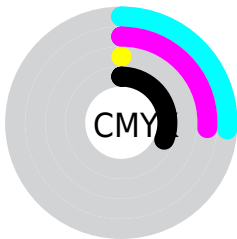
Blue (69%)



Red (51%)

Yellow (51%)

Blue (69%)

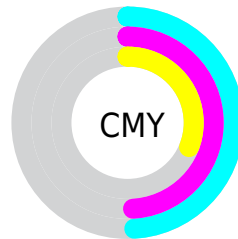


Cyan (26%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0250, 23.8457, 44.3580 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 25.0250, 23.8457, 44.3580 by changing the saturation by 10% instead.

■ 25.0250, 23.8457,
44.3580

■ 25.0250, 23.8457,
44.3580

270.3078,
272.0395, 380.2512

■ 16.2245, 15.2192,
30.6128

■ 51.1404, 49.7783,
83.0644

■ 9.7750, 8.9734,
20.0482

■ 69.1860, 67.8532,
108.8626

■ 5.3112, 4.7238,
12.2457

■ 91.0440, 89.8463,
139.5157

■ 2.4676, 2.0861,
6.7866

117.0798,
116.1421, 175.4420

■ 0.8789, 0.6568,
3.2526

147.6587,
147.1249, 217.0602

■ 0.0000, 0.0000,
1.2250

183.1461,

■ 0.0000, 0.0000,

183.1791, 264.7888

0.0000

223.9073,
224.6892, 319.0462

■ 25.0250, 23.8457,
44.3580

■ 25.0250, 23.8457,
44.3580

■ 20.4087, 18.2833,
43.5281

■ 30.5051, 30.4488,
45.3441

■ 16.6098, 13.7060,
42.8448

■ 36.8873, 38.1389,
46.4921

■ 13.5816, 10.0571,
42.3001

■ 44.2106, 46.9630,
47.8093

■ 11.2713, 7.2733,
41.8845

■ 52.5110, 56.9643,
49.3023

■ 9.6196, 5.2831,
41.5874

■ 61.8224, 68.1839,
50.9771

■ 8.5579, 4.0039,
41.3965

■ 72.1774, 80.6609,
52.8396

■ 7.9955, 3.3262,
41.2953

■ 83.6070, 94.4326,
54.8954

■ 7.8366, 3.1347,
41.2667

■ 84.8365, 95.9146,
55.1167

Harmonies

Analogous

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



21.9905, 23.8457, 46.1381



25.0250, 23.8457, 44.3580



27.6228, 23.8457, 37.1956

Triad

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



25.0250, 23.8457, 44.3580



26.3062, 23.8457, 14.8233



17.3912, 23.8457, 24.0621

Complementary

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



25.0250, 23.8457, 44.3580



37.4593, 41.8925, 27.2315

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.



18.3384, 23.8457, 17.2569



25.0250, 23.8457, 44.3580



23.3524, 23.8457, 12.7411

Square

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



25.0250, 23.8457, 44.3580



28.4070, 23.8457, 19.9594



20.4575, 23.8457, 13.5213



17.7535, 23.8457, 33.0660

Rectangle

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



25.0250, 23.8457, 44.3580



28.6679, 23.8457, 31.0407



20.4575, 23.8457, 13.5213



17.5640, 23.8457, 21.4733

Sweetspot

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



25.0258, 23.8466, 44.3585



64.4461, 66.2130, 83.8790



32.4926, 38.9013, 46.4743



13.5829, 13.8873, 18.1089



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.



25.0258, 23.8466, 44.3585



40.6711, 37.5658, 79.6026



28.8123, 25.7985, 44.5357



8.0420, 8.2302, 10.6711



5.7498, 2.3000, 30.2779



0.1809, 0.0724, 0.9527

Inverse Universe

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



29.9170, 26.8078, 24.7178



50.9627, 43.7963, 38.2764



32.8372, 39.5100, 27.0153



8.4964, 8.5053, 8.8464



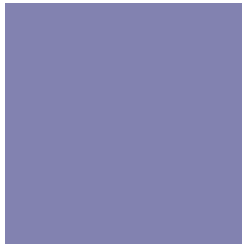
13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 25.0250, 23.8457, 44.3580 looks on a white background.

Color Contrast Check

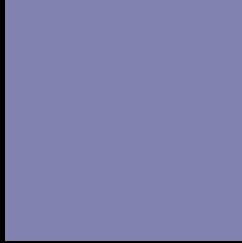
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0250, 23.8457, 44.3580 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 25.0250, 23.8457, 44.3580

Background



This preview shows how black text looks on a background with the XYZ color 25.0250, 23.8457, 44.3580.



This preview shows how white text looks on a background with the XYZ color 25.0250, 23.8457,

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

25.0250, 23.8457, 44.3580

Protanopia

24.1723, 23.7818, 45.4358

Deuteranopia

24.3999, 23.9222, 44.4057



Tritanopia

22.3046, 23.9687, 30.6450

Trichromacy



Original Color

25.0250, 23.8457, 44.3580

Protanomaly

24.3643, 23.6920, 44.8839

Deuteranomaly

24.5570, 23.8028, 44.3744

Tritanomaly

23.2151, 23.9201, 35.2918

Monochromacy



Original Color

25.0250, 23.8457, 44.3580

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5654, 23.9636, 32.2376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0250, 23.8457, 44.3580 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, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 130, 176)  
}
```

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, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 130, 176) }
```

Border

The CSS property to change the border of an element to XYZ 25.0250, 23.8457, 44.3580 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, 130, 176) }
```


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

```
.border{ border-color:rgb(130, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 130, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 130, 176); box-shadow:4px 4px 4px 4px rgb(130, 130, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0250, 23.8457, 44.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 130, 176) }
```

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

```
.background{ background-color: rgb(130,  
130, 176) }
```

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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