

Converting Colors

XYZ(25.2338, 23.9124, 43.6210)

Have a look what the booklet for
XYZ(25.2338, 23.9124, 43.6210)
contains.

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Color

**XYZ(25.3934, 24.0470,
43.8606)**

Conversions

Conversions Part 1

Format	Color
Hex	8582AF
RGB	133, 130, 175
RGB Percent	52%, 51%, 69%
CMY	0.4784, 0.4902, 0.3137
CMYK	0.24, 0.26, 0.00, 0.31
HSL	244°, 22%, 60%
HSV	244°, 26%, 69%
XYZ	25.3934, 24.0470, 43.8606
YIQ	136.0270, -12.6570, 14.6310

Conversions

Conversions Part 2

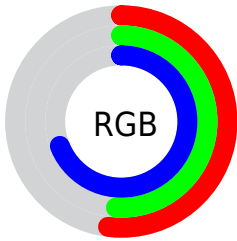
Format	Color
R_{YB}	133, 130, 175
Decimal	8749743
CIE _{Lab}	56.13, 11.10, -23.34
CIE _{LCh}	56, 25.844, 295.448
Yxy	24.0470, 0.2722, 0.2577
Android (android.graphics.Color)	4286939823 (0xFF8582AF)
YUV	136.0270, 19.2137, -2.6547
Hunter-Lab	49.0377, 6.6173, -18.7041

Details

The XYZ color **25.3934, 24.0470, 43.8606** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3732, 41.0429, 27.1251**, and the grayscale version is **23.3463, 24.5621, 26.7481**.

A 20% lighter version of the original color is **51.8508, 50.2013, 82.5583**, and **9.9350, 9.0838, 19.6421** is the 20% darker color. If you saturate the color by 10%, you get **20.8794, 18.5538, 43.0386**, and if you desaturate by 10%, it is **30.7059, 30.5406, 44.8344**.

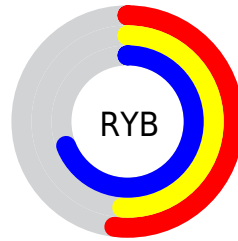
Distribution



Red (52%)

Green (51%)

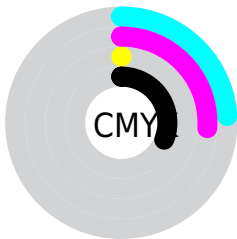
Blue (69%)



Red (52%)

Yellow (51%)

Blue (69%)

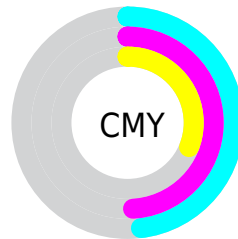


Cyan (24%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (48%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3934, 24.0470, 43.8606 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 25.3934, 24.0470, 43.8606 by changing the saturation by 10% instead.

■ 25.3934, 24.0470,
43.8606

■ 25.3934, 24.0470,
43.8606

272.1031,
273.0580, 378.1638

■ 16.5007, 15.3685,
30.2245

■ 51.7330, 50.1069,
82.3082

■ 9.9722, 9.0784,
19.7556

■ 69.9106, 68.2571,
107.9568

■ 5.4427, 4.7924,
12.0352

■ 91.9140, 90.3332,
138.4466

■ 2.5467, 2.1260,
6.6448

118.1083,
116.7198, 174.1963

■ 0.9188, 0.6792,
3.1659

148.8590,
147.8012, 215.6243

■ 0.0000, 0.0000,
1.1800

184.5315,

■ 0.0000, 0.0000,

183.9617, 263.1492

0.0000

225.4911,
225.5859, 317.1895

■ 25.3934, 24.0470,
43.8606

■ 25.3934, 24.0470,
43.8606

■ 20.8794, 18.5538,
43.0386

■ 30.7059, 30.5406,
44.8344

■ 17.1231, 14.0086,
42.3593

■ 36.8503, 38.0779,
45.9654

■ 14.0834, 10.3584,
41.8149

■ 43.8613, 46.7030,
47.2607

■ 11.7147, 7.5442,
41.3966

■ 51.7706, 56.4569,
48.7265

■ 9.9660, 5.4995,
41.0941

■ 60.6084, 67.3780,
50.3687

■ 8.7788, 4.1479,
40.8958

■ 70.4036, 79.5034,
52.1929

■ 8.0815, 3.3932,
40.7868

■ 81.1837, 92.8683,
54.2044

■ 7.8849, 3.1709,
40.7543

■ 84.7379, 95.8752,
54.5974

Harmonies

Analogous

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



22.4066, 24.0470, 46.0574



25.3934, 24.0470, 43.8606



27.8787, 24.0470, 36.5745

Triad

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



25.3934, 24.0470, 43.8606



26.2432, 24.0470, 14.9092



17.6323, 24.0470, 24.9088

Complementary

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



25.3934, 24.0470, 43.8606



36.3732, 41.0429, 27.1251

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.



18.4759, 24.0470, 17.9738



25.3934, 24.0470, 43.8606



23.3113, 24.0470, 13.0498

Square

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



25.3934, 24.0470, 43.8606



28.3983, 24.0470, 19.7771



20.4934, 24.0470, 14.0368



18.0861, 24.0470, 33.8416

Rectangle

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



25.3934, 24.0470, 43.8606



28.8282, 24.0470, 30.5022



20.4934, 24.0470, 14.0368



17.7713, 24.0470, 22.2922

Sweetspot

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



25.3942, 24.0480, 43.8611



63.1877, 64.7454, 81.8036



31.8402, 37.6329, 46.1436



13.6713, 13.9328, 18.1131



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.



25.3942, 24.0480, 43.8611



40.6023, 37.1273, 77.6632



29.1909, 26.0053, 44.0388



7.6265, 7.7818, 10.0528



5.6669, 2.2812, 29.1862



0.1733, 0.0715, 0.8127

Inverse Universe

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



33.1089, 28.0587, 42.7014



56.8712, 45.5880, 75.0925



31.9837, 38.7800, 26.9197



8.3137, 8.1387, 9.9627



17.4255, 8.4327, 25.6837



0.4915, 0.2373, 0.7500

Previews

White Background



This preview shows how the XYZ color 25.3934, 24.0470, 43.8606 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 25.3934, 24.0470, 43.8606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

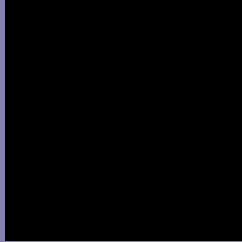
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3934, 24.0470, 43.8606

Background



This preview shows how black text looks on a background with the XYZ color 25.3934, 24.0470, 43.8606.



This preview shows how white text looks on a background with the XYZ color 25.3934, 24.0470,

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

25.3934, 24.0470, 43.8606

Protanopia

24.3494, 24.0870, 44.9609

Deuteranopia

24.5933, 24.0333, 43.9001



Tritanopia

22.6047, 23.9153, 30.6188

Trichromacy



Original Color

25.3934, 24.0470, 43.8606

Protanomaly

24.6919, 24.0727, 44.4194

Deuteranomaly

24.9074, 23.9949, 43.8762

Tritanomaly

23.5266, 23.8765, 35.2669

Monochromacy



Original Color

25.3934, 24.0470, 43.8606

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.0218, 24.4031, 32.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3934, 24.0470, 43.8606 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(133, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 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(133, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 175) }
```

Border

The CSS property to change the border of an element to XYZ 25.3934, 24.0470, 43.8606 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(133, 130, 175) }
```


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

```
.border{ border-color:rgb(133, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3934, 24.0470, 43.8606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 175) }
```

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

```
.background{ background-color: rgb(133,  
130, 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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