

Converting Colors

XYZ(24.4236, 23.8547, 38.9145)

Have a look what the booklet for
XYZ(24.4236, 23.8547, 38.9145)
contains.

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Color

**XYZ(24.4236, 23.8547,
38.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	8483A5
RGB	132, 131, 165
RGB Percent	52%, 51%, 65%
CMY	0.4823, 0.4863, 0.3529
CMYK	0.20, 0.21, 0.00, 0.35
HSL	242°, 16%, 58%
HSV	242°, 21%, 65%
XYZ	24.4236, 23.8547, 38.9145
YIQ	135.1750, -10.3180, 10.7860

Conversions

Conversions Part 2

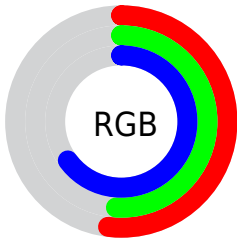
Format	Color
R_{YB}	132, 131, 165
Decimal	8684453
CIE Lab	55.94, 7.78, -17.89
CIE LCh	56, 19.513, 293.507
Yxy	23.8547, 0.2801, 0.2736
Android (android.graphics.Color)	4286874533 (0xFF8483A5)
YUV	135.1750, 14.7037, -2.7845
Hunter-Lab	48.8413, 3.7886, -13.0507

Details

The XYZ color **24.4236, 23.8547, 38.9145** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.8623, 36.4420, 26.7756**, and the grayscale version is **23.0445, 24.2446, 26.4024**.

A 20% lighter version of the original color is **50.0663, 49.7626, 74.6765**, and **9.4776, 9.0207, 16.8644** is the 20% darker color. If you saturate the color by 10%, you get **20.0666, 18.5771, 38.1259**, and if you desaturate by 10%, it is **29.5195, 30.0383, 39.8399**.

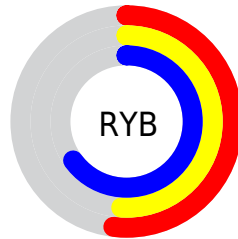
Distribution



Red (52%)

Green (51%)

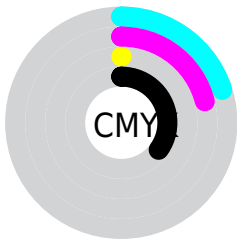
Blue (65%)



Red (52%)

Yellow (51%)

Blue (65%)

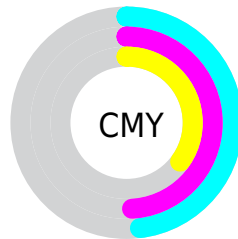


Cyan (20%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (48%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4236, 23.8547, 38.9145 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 24.4236, 23.8547, 38.9145 by changing the saturation by 10% instead.

■ 24.4236, 23.8547,
38.9145

■ 24.4236, 23.8547,
38.9145

267.3560,
272.0851, 356.9419

■ 15.7746, 15.2259,
26.3859

■ 50.1702, 49.7930,
74.7266

■ 9.4546, 8.9781,
16.8842

■ 67.9986, 67.8712,
98.8472

■ 5.0984, 4.7269,
9.9909

■ 89.6174, 89.8681,
127.6688

■ 2.3404, 2.0879,
5.2874

115.3920,
116.1679, 161.6100

■ 0.8152, 0.6578,
2.3552

145.6878,
147.1551, 201.0894

■ 0.0000, 0.0000,
0.7619

180.8702,

■ 0.0000, 0.0000,

183.2141, 246.5255

0.0000

221.3045,
224.7293, 298.3369

■ 24.4236, 23.8547,
38.9145

■ 24.4236, 23.8547,
38.9145

■ 20.0666, 18.5771,
38.1259

■ 29.5195, 30.0383,
39.8399

■ 16.4120, 14.1602,
37.4659

■ 35.3841, 37.1645,
40.9063

■ 13.4239, 10.5593,
36.9284

■ 42.0479, 45.2715,
42.1199

■ 11.0619, 7.7244,
36.5057

■ 49.5396, 54.3946,
43.4859

■ 9.2817, 5.6000,
36.1894

■ 57.8861, 64.5671,
45.0095

■ 8.0327, 4.1233,
35.9702

■ 67.1133, 75.8210,
46.6954

■ 7.2560, 3.2203,
35.8369

■ 77.2459, 88.1869,
48.5482

■ 6.8523, 2.7480,
35.7670

■ 83.7916, 95.4966,
49.6141

Harmonies

Analogous

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



22.1926, 23.8547, 40.1565



24.4236, 23.8547, 38.9145



26.2912, 23.8547, 33.9675

Triad

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



24.4236, 23.8547, 38.9145



25.3152, 23.8547, 17.3127



18.6807, 23.8547, 24.6120

Complementary

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



24.4236, 23.8547, 38.9145



32.8623, 36.4420, 26.7756

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.



19.4033, 23.8547, 19.3441



24.4236, 23.8547, 38.9145



23.1607, 23.8547, 15.5986

Square

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



24.4236, 23.8547, 38.9145



26.8291, 23.8547, 21.3848



21.0085, 23.8547, 16.2763



18.9702, 23.8547, 31.1763

Rectangle

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



24.4236, 23.8547, 38.9145



27.0300, 23.8547, 29.6117



21.0085, 23.8547, 16.2763



18.8117, 23.8547, 22.6466

Sweetspot

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



24.4244, 23.8557, 38.9150



57.4140, 59.3194, 72.1761



29.5054, 34.2488, 40.6533



12.4143, 12.8013, 15.7541



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.4244, 23.8557, 38.9150



39.7929, 37.9378, 68.9777



27.2241, 25.2990, 39.0461



6.7188, 6.8694, 8.8749



5.1914, 2.0827, 27.0582



0.1145, 0.0466, 0.5688

Inverse Universe

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



30.3348, 26.9131, 38.7184



52.4365, 44.4789, 68.5233



29.6630, 34.7927, 26.6259



7.3553, 7.1986, 8.8574



16.5522, 7.9769, 25.8962



0.3504, 0.1687, 0.5578

Previews

White Background



This preview shows how the XYZ color 24.4236, 23.8547, 38.9145 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 24.4236, 23.8547, 38.9145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

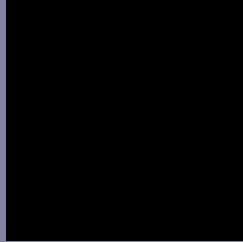
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4236, 23.8547, 38.9145

Background



This preview shows how black text looks on a background with the XYZ color 24.4236, 23.8547, 38.9145.



This preview shows how white text looks on a background with the XYZ color 24.4236, 23.8547,

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

24.4236, 23.8547, 38.9145

Protanopia

23.8746, 23.9639, 39.4435

Deuteranopia

24.2679, 23.7745, 38.9072



Tritanopia

22.6769, 23.9615, 30.2179

Trichromacy



Original Color

24.4236, 23.8547, 38.9145

Protanomaly

24.0363, 23.8449, 39.4121

Deuteranomaly

24.2679, 23.7745, 38.9072

Tritanomaly

23.2459, 23.9843, 33.1100

Monochromacy



Original Color

24.4236, 23.8547, 38.9145

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5449, 24.1938, 30.6231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4236, 23.8547, 38.9145 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(132, 131, 165)` looks like.

```
.text, #text, p{  
    color:rgb(132, 131, 165)  
}
```

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(132, 131, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 131, 165) }
```

Border

The CSS property to change the border of an element to XYZ 24.4236, 23.8547, 38.9145 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(132, 131, 165) }
```


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

```
.border{ border-color:rgb(132, 131, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 131, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 131, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 131, 165);  
box-shadow:4px 4px 4px 4px rgb(132, 131,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4236, 23.8547, 38.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 131, 165) }
```

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

```
.background{ background-color: rgb(132,  
131, 165) }
```

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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