

Converting Colors

XYZ(24.9662, 24.0468, 39.0957)

Have a look what the booklet for
XYZ(24.9662, 24.0468, 39.0957)
contains.

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Color

**XYZ(25.0612, 24.1835,
38.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	8883A5
RGB	136, 131, 165
RGB Percent	53%, 51%, 65%
CMY	0.4667, 0.4863, 0.3529
CMYK	0.18, 0.21, 0.00, 0.35
HSL	249°, 16%, 58%
HSV	249°, 21%, 65%
XYZ	25.0612, 24.1835, 38.9443
YIQ	136.3710, -7.9340, 11.6340

Conversions

Conversions Part 2

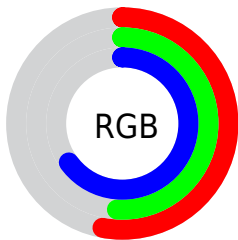
Format	Color
R_YB	136, 131, 165
Decimal	8946597
CIE Lab	56.27, 9.11, -17.36
CIE LCh	56, 19.607, 297.678
Yxy	24.1835, 0.2842, 0.2742
Android (android.graphics.Color)	4287136677 (0xFF8883A5)
YUV	136.3710, 14.1141, -0.3254
Hunter-Lab	49.1767, 4.9070, -12.5296

Details

The XYZ color **25.0612, 24.1835, 38.9443** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.0499, 36.0231, 26.7378**, and the grayscale version is **23.4923, 24.7158, 26.9155**.

A 20% lighter version of the original color is **51.2940, 50.3954, 74.7340**, and **9.8357, 9.2053, 16.8812** is the 20% darker color. If you saturate the color by 10%, you get **20.8816, 18.9974, 38.1640**, and if you desaturate by 10%, it is **29.8954, 30.2322, 39.8574**.

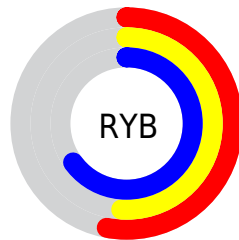
Distribution



Red (53%)

Green (51%)

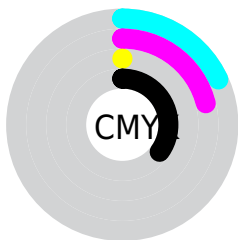
Blue (65%)



Red (53%)

Yellow (51%)

Blue (65%)

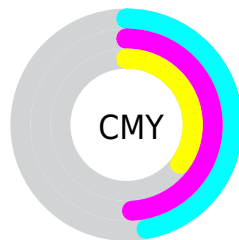


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0612, 24.1835, 38.9443 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 25.0612, 24.1835, 38.9443 by changing the saturation by 10% instead.

■ 25.0612, 24.1835,
38.9443

■ 25.0612, 24.1835,
38.9443

270.4846,
273.7469, 357.0725

■ 16.2516, 15.4698,
26.4089

■ 51.1987, 50.3295,
74.7726

■ 9.7944, 9.1498,
16.9013

■ 69.2573, 68.5305,
98.9026

■ 5.3240, 4.8390,
10.0029

■ 91.1296, 90.6629,
127.7346

■ 2.4753, 2.1531,
5.2953

117.1810,
117.1108, 161.6870

■ 0.8828, 0.6942,
2.3598

147.7769,
148.2588, 201.1785

■ 0.0000, 0.0000,
0.7644

183.2825,

■ 0.0000, 0.0000,

184.4912, 246.6275

0.0000

224.0633,
226.1924, 298.4527

■ 25.0612, 24.1835,
38.9443

■ 25.0612, 24.1835,
38.9443

■ 20.8816, 18.9974,
38.1640

■ 29.8954, 30.2322,
39.8574

■ 17.3261, 14.6315,
37.5087

■ 35.4085, 37.1773,
40.9074

■ 14.3650, 11.0446,
36.9724

■ 41.6263, 45.0543,
42.1001

■ 11.9655, 8.1902,
36.5479

■ 48.5725, 53.8962,
43.4406

■ 10.0912, 6.0174,
36.2273

■ 56.2699, 63.7341,
44.9338

■ 8.7017, 4.4682,
36.0015

■ 64.7400, 74.5977,
46.5843

■ 7.7500, 3.4750,
35.8599

■ 74.0037, 86.5158,
48.3965

■ 7.1745, 2.9140,
35.7820

■ 81.4743, 94.3020,
49.5056

■ 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.



22.8103, 24.1835, 40.8063



25.0612, 24.1835, 38.9443



26.8519, 24.1835, 33.5525

Triad

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



25.0612, 24.1835, 38.9443



25.3852, 24.1835, 17.1626



18.9161, 24.1835, 25.8313

Complementary

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



25.0612, 24.1835, 38.9443



32.0499, 36.0231, 26.7378

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.



19.5097, 24.1835, 20.2292



25.0612, 24.1835, 38.9443



23.1620, 24.1835, 15.7624

Square

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



25.0612, 24.1835, 38.9443



27.0474, 24.1835, 20.9698



21.0281, 24.1835, 16.7868



19.3524, 24.1835, 32.5377

Rectangle

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



25.0612, 24.1835, 38.9443



27.4919, 24.1835, 29.0744



21.0281, 24.1835, 16.7868



19.0009, 24.1835, 23.7672

Sweetspot

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



25.0620, 24.1845, 38.9448



57.8244, 59.5309, 72.1953



28.8042, 32.8463, 40.4195



12.5122, 12.8517, 15.7587



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.



25.0620, 24.1845, 38.9448



41.1070, 38.6152, 69.0392



27.9576, 25.6773, 39.0804



6.7929, 6.9076, 8.8783



5.4550, 2.2187, 27.0705



0.1408, 0.0601, 0.5700

Inverse Universe

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



29.9793, 26.7710, 36.8460



51.6541, 44.1660, 64.4033



28.9613, 34.4309, 26.5933



7.3194, 7.1842, 8.6681



15.3756, 7.5063, 19.7006



0.3345, 0.1623, 0.4741

Previews

White Background



This preview shows how the XYZ color 25.0612, 24.1835, 38.9443 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 25.0612, 24.1835, 38.9443 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 25.0612, 24.1835, 38.9443

Background



This preview shows how black text looks on a background with the XYZ color 25.0612, 24.1835, 38.9443.



This preview shows how white text looks on a background with the XYZ color 25.0612, 24.1835,

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

25.0612, 24.1835, 38.9443

Protanopia

24.2525, 24.3522, 39.9814

Deuteranopia

24.7157, 24.2057, 38.9668



Tritanopia

23.2905, 24.2778, 30.2466

Trichromacy



Original Color

25.0612, 24.1835, 38.9443

Protanomaly

24.4764, 24.2741, 39.4717

Deuteranomaly

24.8743, 24.2875, 38.9742

Tritanomaly

23.8655, 24.3037, 33.1390

Monochromacy



Original Color

25.0612, 24.1835, 38.9443

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9449, 24.3910, 31.0497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0612, 24.1835, 38.9443 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(136, 131, 165)` looks like.

```
.text, #text, p{  
    color:rgb(136, 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(136, 131, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.0612, 24.1835, 38.9443 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(136, 131, 165) }
```


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

```
.border{ border-color:rgb(136, 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(136, 131, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 165);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0612, 24.1835, 38.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 165) }
```

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

```
.background{ background-color: rgb(136,  
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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