

Converting Colors

XYZ(24.1674, 24.7647, 38.1566)

Have a look what the booklet for
XYZ(24.1674, 24.7647, 38.1566)
contains.

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Color

**XYZ(24.1674, 24.7647,
38.1566)**

Conversions

Conversions Part 1

Format	Color
Hex	7F88A3
RGB	127, 136, 163
RGB Percent	50%, 53%, 64%
CMY	0.5020, 0.4667, 0.3608
CMYK	0.22, 0.17, 0.00, 0.36
HSL	225°, 16%, 57%
HSV	225°, 22%, 64%
XYZ	24.1674, 24.7647, 38.1566
YIQ	136.3870, -14.0310, 6.4890

Conversions

Conversions Part 2

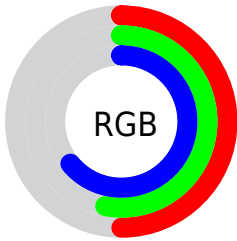
Format	Color
RYB	127, 134, 163
Decimal	8358051
CIELab	56.85, 2.77, -15.41
CIELCh	57, 15.657, 280.204
Yxy	24.7647, 0.2775, 0.2844
Android (android.graphics.Color)	4286548131 (0xFF7F88A3)
YUV	136.3870, 13.1202, -8.2324
Hunter-Lab	49.7641, -0.4007, -10.6256

Details

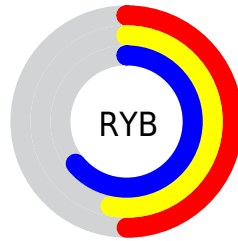
The XYZ color **24.1674, 24.7647, 38.1566** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.4908, 32.4300, 24.7318**, and the grayscale version is **23.5035, 24.7276, 26.9283**.

A 20% lighter version of the original color is **49.6749, 51.1604, 73.5865**, and **9.2576, 9.3811, 16.3617** is the 20% darker color. If you saturate the color by 10%, you get **20.3089, 20.3644, 37.5110**, and if you desaturate by 10%, it is **28.6166, 29.7622, 38.8871**.

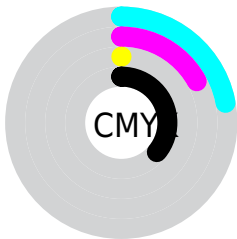
Distribution



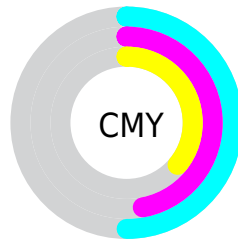
- Red (50%)
- Green (53%)
- Blue (64%)



- Red (50%)
- Yellow (53%)
- Blue (64%)



- Cyan (22%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (50%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1674, 24.7647, 38.1566 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 24.1674, 24.7647, 38.1566 by changing the saturation by 10% instead.

■ 24.1674, 24.7647,
38.1566

■ 24.1674, 24.7647,
38.1566

266.0905,
276.6641, 353.6096

■ 15.5833, 15.9018,
25.8015

■ 49.7559, 51.2752,
73.5542

■ 9.3187, 9.4547,
16.4508

■ 67.4910, 69.6917,
97.4337

■ 5.0084, 5.0389,
9.6859

■ 89.0071, 92.0615,
125.9918

■ 2.2870, 2.2701,
5.0883

114.6696,
118.7690, 159.6470

■ 0.7880, 0.7578,
2.2395

144.8438,
150.1986, 198.8179

■ 0.0000, 0.0000,
0.6970

179.8952,

■ 0.0000, 0.0000,

186.7347, 243.9229

0.0000

220.1889,
228.7618, 295.3806

■ 24.1674, 24.7647,
38.1566

■ 24.1674, 24.7647,
38.1566

■ 20.3089, 20.3644,
37.5110

■ 28.6166, 29.7622,
38.8871

■ 17.0134, 16.5356,
36.9457

■ 33.6779, 35.3755,
39.7038

■ 14.2543, 13.2547,
36.4578

■ 39.3748, 41.6261,
40.6101

■ 12.0019, 10.4956,
36.0440

■ 45.7285, 48.5335,
41.6085

■ 10.2233, 8.2298,
35.7004

■ 52.7594, 56.1164,
42.7015

■ 8.8819, 6.4257,
35.4228

■ 60.4869, 64.3926,
43.8917

■ 7.9346, 5.0476,
35.2068

■ 68.9296, 73.3794,
45.1814

■ 7.3955, 4.2135,
35.0742

■ 77.2162, 82.6350,
46.5311

■ 80.8135, 89.8295,
47.7302

Harmonies

Analogous

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



22.3656, 24.7647, 37.6091



24.1674, 24.7647, 38.1566



25.8849, 24.7647, 35.4229

Triad

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



24.1674, 24.7647, 38.1566



26.3311, 24.7647, 20.9649



20.3781, 24.7647, 23.6915

Complementary

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



24.1674, 24.7647, 38.1566



30.4908, 32.4300, 24.7318

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.



21.3376, 24.7647, 19.9728



24.1674, 24.7647, 38.1566



24.7509, 24.7647, 18.5457

Square

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



24.1674, 24.7647, 38.1566



27.1763, 24.7647, 25.2173



22.9198, 24.7647, 18.2078



20.2400, 24.7647, 28.7907

Rectangle

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



24.1674, 24.7647, 38.1566



26.7278, 24.7647, 32.2923



22.9198, 24.7647, 18.2078



20.6128, 24.7647, 22.2576

Sweetspot

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



24.1682, 24.7657, 38.1572



55.6015, 58.1425, 70.3482



27.6329, 33.0200, 35.2280



12.3758, 12.9343, 15.7818



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.



24.1682, 24.7657, 38.1572



39.4118, 39.9545, 67.6909



24.2569, 23.0078, 37.8132



6.8377, 7.1344, 8.9198



5.7792, 3.3378, 27.2694



0.1564, 0.1401, 0.5846

Inverse Universe

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



27.1382, 24.7435, 26.6393



45.8317, 40.0800, 42.7551



30.3693, 34.6562, 25.1679



7.1431, 7.1137, 7.7397



12.0625, 6.1811, 2.2540



0.2711, 0.1369, 0.1403

Previews

White Background



This preview shows how the XYZ color 24.1674, 24.7647, 38.1566 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 24.1674, 24.7647, 38.1566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

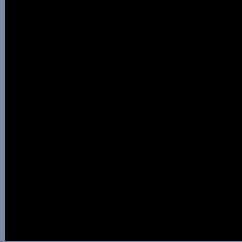
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1674, 24.7647, 38.1566

Background



This preview shows how black text looks on a background with the XYZ color 24.1674, 24.7647, 38.1566.



This preview shows how white text looks on a background with the XYZ color 24.1674, 24.7647,

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

24.1674, 24.7647, 38.1566

Protanopia

24.5456, 24.7619, 37.6682

Deuteranopia

25.2417, 24.6896, 38.5572



Tritanopia

22.8255, 24.6320, 31.9852

Trichromacy



Original Color

24.1674, 24.7647, 38.1566

Protanomaly

24.3915, 24.6824, 37.6610

Deuteranomaly

24.8988, 24.7171, 38.5805

Tritanomaly

23.2358, 24.5844, 34.0925

Monochromacy



Original Color

24.1674, 24.7647, 38.1566

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6653, 24.6702, 30.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1674, 24.7647, 38.1566 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(127, 136, 163)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 163)  
}
```

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(127, 136, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.1674, 24.7647, 38.1566 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(127, 136, 163) }
```


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

```
.border{ border-color:rgb(127, 136, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 163);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1674, 24.7647, 38.1566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 163) }
```

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

```
.background{ background-color: rgb(127,  
136, 163) }
```

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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