

Converting Colors

XYZ(24.8608, 25.1957, 38.3988)

Have a look what the booklet for
XYZ(24.8608, 25.1957, 38.3988)
contains.

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Color

**XYZ(24.7751, 25.0780,
38.1851)**

Conversions

Conversions Part 1

Format	Color
Hex	8388A3
RGB	131, 136, 163
RGB Percent	51%, 53%, 64%
CMY	0.4863, 0.4667, 0.3608
CMYK	0.20, 0.17, 0.00, 0.36
HSL	231°, 15%, 58%
HSV	231°, 20%, 64%
XYZ	24.7751, 25.0780, 38.1851
YIQ	137.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

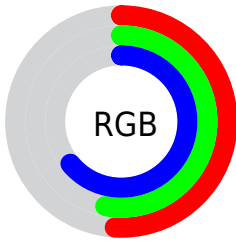
Format	Color
R_{YB}	131, 135, 163
Decimal	8620195
CIE _{Lab}	57.15, 4.09, -14.92
CIE _{LCh}	57, 15.467, 285.326
Yxy	25.0780, 0.2814, 0.2849
Android (android.graphics.Color)	4286810275 (0xFF8388A3)
YUV	137.5830, 12.5306, -5.7733
Hunter-Lab	50.0779, 0.6731, -10.1549

Details

The XYZ color **24.7751, 25.0780, 38.1851** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **31.4280, 33.8789, 26.3561**, and the grayscale version is **23.9565, 25.2041, 27.4472**.

A 20% lighter version of the original color is **50.6196, 51.6475, 73.6307**, and **9.5904, 9.5526, 16.3773** is the 20% darker color. If you saturate the color by 10%, you get **20.6324, 20.2498, 37.4719**, and if you desaturate by 10%, it is **29.5651, 30.6101, 39.0009**.

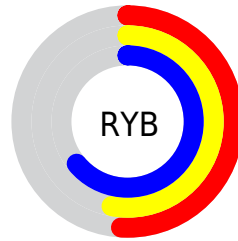
Distribution



Red (51%)

Green (53%)

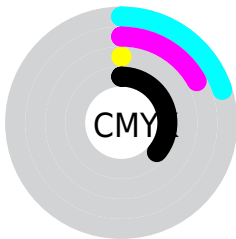
Blue (64%)



Red (51%)

Yellow (53%)

Blue (64%)

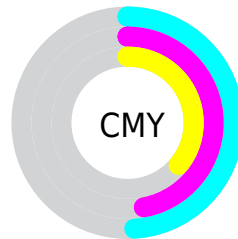


Cyan (20%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7751, 25.0780, 38.1851 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 24.7751, 25.0780, 38.1851 by changing the saturation by 10% instead.

■ 24.7751, 25.0780,
38.1851

■ 24.7751, 25.0780,
38.1851

269.0844,
278.2262, 353.7353

■ 16.0374, 16.1352,
25.8234

■ 50.7377, 51.7837,
73.5983

■ 9.6416, 9.6199,
16.4670

■ 68.6932, 70.3154,
97.4870

■ 5.2224, 5.1476,
9.6973

■ 90.4522, 92.8122,
126.0550

■ 2.4145, 2.3342,
5.0958

116.3798,
119.6585, 159.7210

■ 0.8523, 0.7917,
2.2438

146.8415,
151.2386, 198.9035

■ 0.0000, 0.0000,
0.6995

182.2026,

■ 0.0000, 0.0000,

187.9370, 244.0210

0.0000

222.8284,
230.1381, 295.4921

■ 24.7751, 25.0780,
38.1851

■ 24.7751, 25.0780,
38.1851

■ 20.6324, 20.2498,
37.4719

■ 29.5651, 30.6101,
39.0009

■ 17.1067, 16.0940,
36.8556

■ 35.0263, 36.8697,
39.9212

■ 14.1688, 12.5815,
36.3325

■ 41.1841, 43.8831,
40.9504

■ 11.7863, 9.6797,
35.8979

■ 48.0620, 51.6743,
42.0918

■ 9.9234, 7.3530,
35.5470

■ 55.6824, 60.2664,
43.3486

■ 8.5401, 5.5621,
35.2742

■ 64.0667, 69.6813,
44.7239

■ 7.5903, 4.2625,
35.0735

■ 73.2354, 79.9403,
46.2209

■ 6.9875, 3.3864,
34.9361

■ 80.8134, 89.8292,
47.7302

■ 6.9689, 3.3602,
34.9320

■ 83.6109, 95.4244,
48.6627

Harmonies

Analogous

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



22.9584, 25.0780, 38.2222



24.7751, 25.0780, 38.1851



26.4183, 25.0780, 34.9949

Triad

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



24.7751, 25.0780, 38.1851



26.3880, 25.0780, 20.7668



20.6011, 25.0780, 24.8392

Complementary

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



24.7751, 25.0780, 38.1851



31.4280, 33.8789, 26.3561

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.



21.4275, 25.0780, 20.8344



24.7751, 25.0780, 38.1851



24.7355, 25.0780, 18.6949

Square

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



24.7751, 25.0780, 38.1851



27.3814, 25.0780, 24.7356



22.9207, 25.0780, 18.7180



20.6105, 25.0780, 30.0479

Rectangle

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



24.7751, 25.0780, 38.1851



27.1675, 25.0780, 31.7176



22.9207, 25.0780, 18.7180



20.7884, 25.0780, 23.3232

Sweetspot

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



24.7759, 25.0790, 38.1857



56.2514, 58.6146, 70.4051



28.6007, 33.4773, 37.1523



12.5027, 13.0141, 15.7905



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.



24.7759, 25.0790, 38.1857



40.6577, 40.5969, 67.7492



25.8259, 24.5989, 38.0376



6.7857, 7.0305, 8.9024



5.4387, 2.6568, 27.1559



0.1382, 0.1037, 0.5786

Inverse Universe

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



27.6651, 25.7973, 26.8150



46.9120, 42.2406, 43.1153



30.2058, 34.5412, 26.5484



7.1168, 7.1032, 7.6016



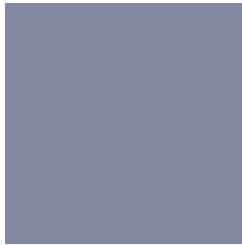
11.8907, 6.1123, 1.3490



0.2619, 0.1333, 0.0920

Previews

White Background



This preview shows how the XYZ color 24.7751, 25.0780, 38.1851 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 24.7751, 25.0780, 38.1851 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

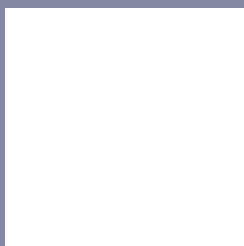
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7751, 25.0780, 38.1851

Background



This preview shows how black text looks on a background with the XYZ color 24.7751, 25.0780, 38.1851.



This preview shows how white text looks on a background with the XYZ color 24.7751, 25.0780,

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

24.7751, 25.0780, 38.1851

Protanopia

24.9307, 25.1582, 38.1924

Deuteranopia

25.4525, 25.0129, 38.1368



Tritanopia

23.4154, 24.9361, 32.0128

Trichromacy



Original Color

24.7751, 25.0780, 38.1851

Protanomaly

24.9307, 25.1582, 38.1924

Deuteranomaly

25.2665, 25.1232, 38.1679

Tritanomaly

23.8317, 24.8915, 34.1203

Monochromacy



Original Color

24.7751, 25.0780, 38.1851

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2038, 25.1488, 31.1823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7751, 25.0780, 38.1851 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(131, 136, 163)` looks like.

```
.text, #text, p{  
    color:rgb(131, 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(131, 136, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 136, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.7751, 25.0780, 38.1851 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(131, 136, 163) }
```


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

```
.border{ border-color:rgb(131, 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(131, 136, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 136, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 136, 163);  
box-shadow:4px 4px 4px 4px rgb(131, 136,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7751, 25.0780, 38.1851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 136, 163) }
```

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

```
.background{ background-color: rgb(131,  
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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