

Converting Colors

XYZ(24.1886, 25.3398, 30.2213)

Have a look what the booklet for
XYZ(24.1886, 25.3398, 30.2213)
contains.

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Color

**XYZ(24.1910, 25.3722,
30.4104)**

Conversions

Conversions Part 1

Format	Color
Hex	878A91
RGB	135, 138, 145
RGB Percent	53%, 54%, 57%
CMY	0.4706, 0.4588, 0.4314
CMYK	0.07, 0.05, 0.00, 0.43
HSL	222°, 4%, 55%
HSV	222°, 7%, 57%
XYZ	24.1910, 25.3722, 30.4104
YIQ	137.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

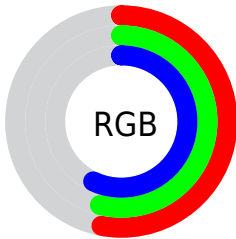
Format	Color
RYB	135, 137, 145
Decimal	8882833
CIELab	57.44, 0.33, -4.12
CIElCh	57, 4.132, 274.580
Yxy	25.3722, 0.3025, 0.3173
Android (android.graphics.Color)	4287072913 (0xFF878A91)
YUV	137.9010, 3.4998, -2.5442
Hunter-Lab	50.3708, -2.4229, -0.5356

Details

The XYZ color **24.1910, 25.3722, 30.4104** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7233, 27.1148, 26.8000**, and the grayscale version is **24.1085, 25.3641, 27.6215**.

A 20% lighter version of the original color is **49.6786, 52.0765, 61.4663**, and **9.3016, 9.7370, 12.2156** is the 20% darker color. If you saturate the color by 10%, you get **20.6268, 21.4743, 29.8463**, and if you desaturate by 10%, it is **28.2105, 29.7082, 31.0359**.

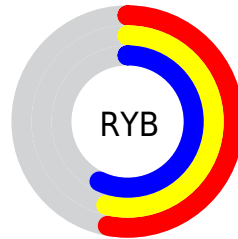
Distribution



Red (53%)

Green (54%)

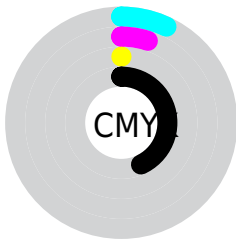
Blue (57%)



Red (53%)

Yellow (54%)

Blue (57%)

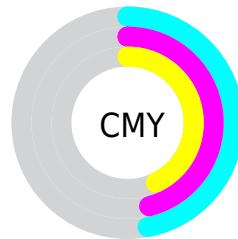


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1910, 25.3722, 30.4104 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 24.1910, 25.3722, 30.4104 by changing the saturation by 10% instead.

■ 24.1910, 25.3722,
30.4104

■ 24.1910, 25.3722,
30.4104

266.2073,
279.6865, 318.0794

■ 15.6009, 16.3546,
19.8956

■ 49.7941, 52.2604,
61.3793

■ 9.3312, 9.7754,
12.1359

■ 67.5378, 70.8998,
82.6704

■ 5.0167, 5.2503,
6.7126

■ 89.0634, 93.5152,
108.3908

■ 2.2919, 2.3949,
3.2073

114.7362,
120.4910, 138.9588

■ 0.7905, 0.8232,
1.2014

144.9217,
152.2116, 174.7932

■ 0.0000, 0.0000,
0.0000

179.9851,

189.0615, 216.3124

220.2919,
231.4250, 263.9350

■ 24.1910, 25.3722,
30.4104

■ 24.1910, 25.3722,
30.4104

■ 20.6268, 21.4743,
29.8463

■ 28.2105, 29.7082,
31.0359

■ 17.4992, 17.9972,
29.3400

■ 32.6987, 34.4922,
31.7227

■ 14.7914, 14.9271,
28.8901

■ 37.6711, 39.7383,
32.4732

■ 12.4848, 12.2486,
28.4947

■ 43.1419, 45.4585,
33.2890

■ 10.5591, 9.9448,
28.1515

■ 49.1247, 51.6647,
34.1716

■ 8.9923, 7.9976,
27.8582

■ 55.6326, 58.3681,
35.1225

■ 7.7599, 6.3874,
27.6124

■ 62.6781, 65.5797,
36.1431

■ 6.8341, 5.0921,
27.4111

■ 70.2734, 73.3102,
37.2350

■ 6.1711, 4.0810,
27.2509

■ 74.4604, 79.5233,
38.2135

Harmonies

Analogous

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



23.7124, 25.3722, 30.1413



24.1910, 25.3722, 30.4104



24.6554, 25.3722, 29.9130

Triad

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



24.1910, 25.3722, 30.4104



24.9014, 25.3722, 26.1194



23.2727, 25.3722, 26.4813

Complementary

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



24.1910, 25.3722, 30.4104



25.7233, 27.1148, 26.8000

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.



23.5835, 25.3722, 25.4587



24.1910, 25.3722, 30.4104



24.5231, 25.3722, 25.2547

Square

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



24.1910, 25.3722, 30.4104



25.0691, 25.3722, 27.4106



24.0402, 25.3722, 25.0170



23.1864, 25.3722, 27.8425

Rectangle

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



24.1910, 25.3722, 30.4104



24.8933, 25.3722, 29.2232



24.0402, 25.3722, 25.0170



23.3541, 25.3722, 26.0881

Sweetspot

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



24.1917, 25.3733, 30.4110



46.7138, 49.1089, 54.9904



24.9875, 27.3501, 29.4882



10.4131, 10.9476, 12.2365



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.1917, 25.3733, 30.4110



42.4677, 44.5093, 54.3264



24.0645, 24.6770, 30.2833



5.2534, 5.5026, 6.8140



5.1620, 3.3101, 23.3439



0.0668, 0.0666, 0.2290

Inverse Universe

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



24.9291, 25.1832, 27.5930



44.0211, 44.1196, 48.3869



25.8556, 27.8550, 26.9359



5.4714, 5.4491, 5.9803



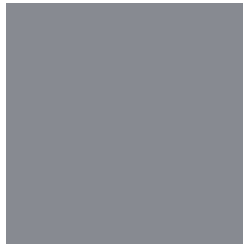
10.4087, 5.3205, 2.5375



0.1083, 0.0544, 0.0707

Previews

White Background



This preview shows how the XYZ color 24.1910, 25.3722, 30.4104 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 24.1910, 25.3722, 30.4104 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

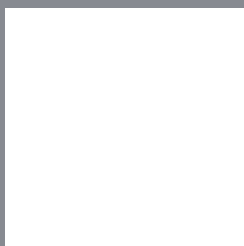
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1910, 25.3722, 30.4104

Background



This preview shows how black text looks on a background with the XYZ color 24.1910, 25.3722, 30.4104.



This preview shows how white text looks on a background with the XYZ color 24.1910, 25.3722,

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

24.1910, 25.3722, 30.4104

Protanopia

24.4609, 25.3082, 29.9813

Deuteranopia

25.9261, 25.4214, 30.7345



Tritanopia

24.4443, 25.2637, 31.6050

Trichromacy



Original Color

24.1910, 25.3722, 30.4104

Protanomaly

24.2962, 25.2233, 29.9736

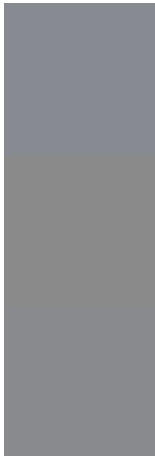
Deuteranomaly

25.1800, 25.2429, 30.7394

Tritanomaly

24.3655, 25.2321, 31.1899

Monochromacy



Original Color

24.1910, 25.3722, 30.4104

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.2127, 25.4184, 28.8294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1910, 25.3722, 30.4104 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(135, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(135, 138, 145)  
}
```

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(135, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.1910, 25.3722, 30.4104 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(135, 138, 145) }
```


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

```
.border{ border-color:rgb(135, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(135, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1910, 25.3722, 30.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 138, 145) }
```

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

```
.background{ background-color: rgb(135,  
138, 145) }
```

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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