

Converting Colors

XYZ(24.5865, 25.5953, 30.3577)

Have a look what the booklet for
XYZ(24.5865, 25.5953, 30.3577)
contains.

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Color

**XYZ(24.5158, 25.5397,
30.4256)**

Conversions

Conversions Part 1

Format	Color
Hex	898A91
RGB	137, 138, 145
RGB Percent	54%, 54%, 57%
CMY	0.4627, 0.4588, 0.4314
CMYK	0.06, 0.05, 0.00, 0.43
HSL	232°, 4%, 55%
HSV	232°, 6%, 57%
XYZ	24.5158, 25.5397, 30.4256
YIQ	138.4990, -2.8430, 1.9650

Conversions

Conversions Part 2

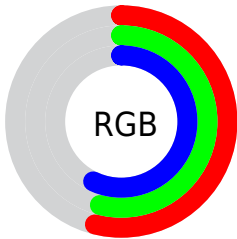
Format	Color
R_{YB}	137, 138, 145
Decimal	9013905
CIE Lab	57.60, 1.05, -3.86
CIE LCh	58, 4.001, 285.164
Yxy	25.5397, 0.3046, 0.3173
Android (android.graphics.Color)	4287203985 (0xFF898A91)
YUV	138.4990, 3.2050, -1.3146
Hunter-Lab	50.5368, -1.8477, -0.3197

Details

The XYZ color **24.5158, 25.5397, 30.4256** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1656, 27.7719, 27.6486**, and the grayscale version is **24.3377, 25.6052, 27.8840**.

A 20% lighter version of the original color is **50.1748, 52.3323, 61.4895**, and **9.4858, 9.8319, 12.2243** is the 20% darker color. If you saturate the color by 10%, you get **20.5824, 20.9673, 29.7507**, and if you desaturate by 10%, it is **28.9826, 30.7039, 31.1874**.

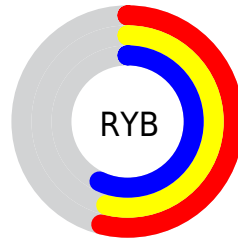
Distribution



Red (54%)

Green (54%)

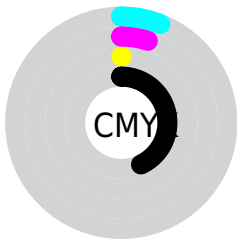
Blue (57%)



Red (54%)

Yellow (54%)

Blue (57%)

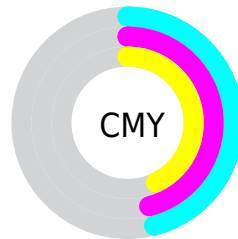


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (46%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5158, 25.5397, 30.4256 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 24.5158, 25.5397, 30.4256 by changing the saturation by 10% instead.

■ 24.5158, 25.5397,
30.4256

■ 24.5158, 25.5397,
30.4256

267.8103,
280.5151, 318.1521

■ 15.8435, 16.4796,
19.9071

■ 50.3192, 52.5314,
61.4035

■ 9.5036, 9.8642,
12.1441

■ 68.1810, 71.2319,
82.7000

■ 5.1308, 5.3090,
6.7182

■ 89.8366, 93.9145,
108.4262

■ 2.3598, 2.4297,
3.2107

115.6515,
120.9638, 139.0007

■ 0.8250, 0.8411,
1.2032

145.9909,
152.7641, 174.8420

■ 0.0000, 0.0000,
0.0000

181.2203,

189.6998, 216.3686

221.7050,
232.1554, 263.9991

■ 24.5158, 25.5397,
30.4256

■ 24.5158, 25.5397,
30.4256

■ 20.5824, 20.9673,
29.7507

■ 28.9826, 30.7039,
31.1874

■ 17.1603, 16.9625,
29.1581

■ 33.9996, 36.4767,
32.0372

■ 14.2290, 13.5038,
28.6450

■ 39.5853, 42.8782,
32.9784

■ 11.7659, 10.5676,
28.2081

■ 45.7569, 49.9267,
34.0136

■ 9.7465, 8.1283,
27.8437

■ 52.5308, 57.6397,
35.1454

■ 8.1441, 6.1580,
27.5478

■ 59.9228, 66.0339,
36.3760

■ 6.9290, 4.6263,
27.3162

■ 67.9480, 75.1256,
37.7079

■ 6.0677, 3.4989,
27.1440

■ 76.6211, 84.9305,
39.1433

■ 5.5161, 2.7340,
27.0254

■ 81.2063, 93.0151,
40.4621

Harmonies

Analogous

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



24.0403, 25.5397, 30.4297



24.5158, 25.5397, 30.4256



24.9320, 25.5397, 29.7048

Triad

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



24.5158, 25.5397, 30.4256



24.9282, 25.5397, 25.9843



23.3975, 25.5397, 27.1402

Complementary

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



24.5158, 25.5397, 30.4256



26.1656, 27.7719, 27.6486

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.



23.6291, 25.5397, 25.9944



24.5158, 25.5397, 30.4256



24.5107, 25.5397, 25.3421

Square

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



24.5158, 25.5397, 30.4256



25.1722, 25.5397, 27.1259



24.0352, 25.5397, 25.3457



23.3989, 25.5397, 28.5022

Rectangle

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



24.5158, 25.5397, 30.4256



25.1179, 25.5397, 28.9281



24.0352, 25.5397, 25.3457



23.4506, 25.5397, 26.7180

Sweetspot

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



24.5165, 25.5408, 30.4262



46.5751, 48.8314, 54.9442



25.4712, 27.5811, 30.3404



10.3842, 10.8897, 12.2268



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.



24.5165, 25.5408, 30.4262



42.6936, 44.3344, 54.2808



24.8608, 25.5056, 30.4012



5.3479, 5.5514, 6.8184



4.5833, 2.1527, 23.1510



0.0523, 0.0376, 0.2242

Inverse Universe

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



25.2107, 25.7464, 27.6869



44.2881, 44.8121, 47.9872



25.8079, 27.8140, 27.6756



5.5533, 5.6130, 6.0077



10.1166, 5.2036, 0.9992



0.1010, 0.0515, 0.0322

Previews

White Background



This preview shows how the XYZ color 24.5158, 25.5397, 30.4256 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 24.5158, 25.5397, 30.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

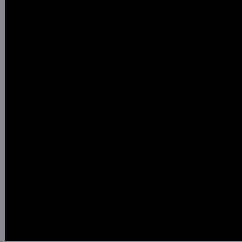
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

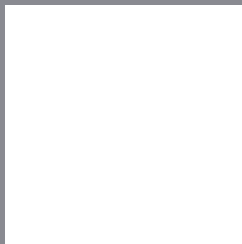
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5158, 25.5397, 30.4256

Background



This preview shows how black text looks on a background with the XYZ color 24.5158, 25.5397, 30.4256.



This preview shows how white text looks on a background with the XYZ color 24.5158, 25.5397,

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

24.5158, 25.5397, 30.4256

Protanopia

24.7040, 25.4246, 30.3935

Deuteranopia

25.9261, 25.4214, 30.7345



Tritanopia

24.7722, 25.4327, 31.6203

Trichromacy



Original Color

24.5158, 25.5397, 30.4256

Protanomaly

24.5377, 25.3389, 30.3857

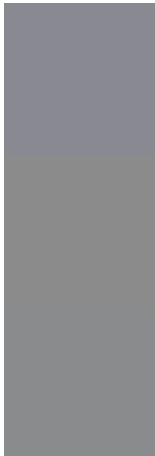
Deuteranomaly

25.3539, 25.3326, 30.7475

Tritanomaly

24.6934, 25.4012, 31.2052

Monochromacy



Original Color

24.5158, 25.5397, 30.4256

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5216, 25.7916, 28.8852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5158, 25.5397, 30.4256 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(137, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.5158, 25.5397, 30.4256 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(137, 138, 145) }
```


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

```
.border{ border-color:rgb(137, 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(137, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(137, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5158, 25.5397, 30.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 138, 145) }
```

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

```
.background{ background-color: rgb(137,  
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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