

Converting Colors

XYZ(24.3905, 26.1398, 30.9957)

Have a look what the booklet for
XYZ(24.3905, 26.1398, 30.9957)
contains.

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Color

**XYZ(24.3860, 26.1116,
30.9489)**

Conversions

Conversions Part 1

Format	Color
Hex	858D92
RGB	133, 141, 146
RGB Percent	52%, 55%, 57%
CMY	0.4784, 0.4470, 0.4274
CMYK	0.09, 0.03, 0.00, 0.43
HSL	203°, 6%, 55%
HSV	203°, 9%, 57%
XYZ	24.3860, 26.1116, 30.9489
YIQ	139.1780, -6.3730, -0.1410

Conversions

Conversions Part 2

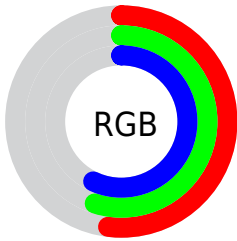
Format	Color
RYB	133, 138, 146
Decimal	8752530
CIELab	58.14, -1.87, -3.67
CIElCh	58, 4.115, 243.027
Yxy	26.1116, 0.2994, 0.3206
Android (android.graphics.Color)	4286942610 (0xFF858D92)
YUV	139.1780, 3.3632, -5.4181
Hunter-Lab	51.0995, -4.2394, -0.1399

Details

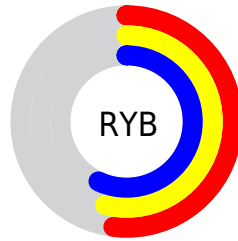
The XYZ color **24.3860, 26.1116, 30.9489** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1762, 25.9811, 25.8786**, and the grayscale version is **24.5989, 25.8800, 28.1833**.

A 20% lighter version of the original color is **50.1901, 53.6394, 62.3517**, and **9.4197, 10.1657, 12.5320** is the 20% darker color. If you saturate the color by 10%, you get **21.4327, 23.3921, 30.5801**, and if you desaturate by 10%, it is **27.7032, 29.0823, 31.3479**.

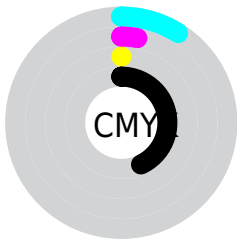
Distribution



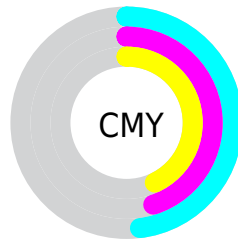
- Red (52%)
- Green (55%)
- Blue (57%)



- Red (52%)
- Yellow (54%)
- Blue (57%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3860, 26.1116, 30.9489 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 24.3860, 26.1116, 30.9489 by changing the saturation by 10% instead.

■ 24.3860, 26.1116,
30.9489

■ 24.3860, 26.1116,
30.9489

267.1706,
283.3295, 320.6467

■ 15.7465, 16.9071,
20.3018

■ 50.1095, 53.4549,
62.2382

■ 9.4346, 10.1683,
12.4284

■ 67.9241, 72.3626,
83.7176

■ 5.0851, 5.5107,
6.9100

■ 89.5279, 95.2735,
109.6447

■ 2.3326, 2.5499,
3.3283

115.2861,
122.5719, 140.4382

■ 0.8113, 0.9016,
1.2646

145.5641,
154.6423, 176.5167

■ 0.0000, 0.0000,
0.0325

180.7273,

■ 0.0000, 0.0000,

191.8692, 218.2985

0.0000

221.1410,
234.6367, 266.2024

■ 24.3860, 26.1116,
30.9489

■ 24.3860, 26.1116,
30.9489

■ 21.4327, 23.3921,
30.5801

■ 27.7032, 29.0823,
31.3479

■ 18.8273, 20.9127,
30.2388

■ 31.3950, 32.3087,
31.7760

■ 16.5558, 18.6658,
29.9248

■ 35.4745, 35.7989,
32.2347

■ 14.6025, 16.6424,
29.6372

■ 39.9534, 39.5599,
32.7246

■ 12.9502, 14.8327,
29.3750

■ 44.8429, 43.5983,
33.2464

■ 11.5801, 13.2260,
29.1371

■ 50.1538, 47.9206,
33.8008

■ 10.4707, 11.8101,
28.9223

■ 55.8964, 52.5328,
34.3883

■ 9.5976, 10.5715,
28.7292

■ 62.0807, 57.4408,
35.0097

■ 8.9059, 9.4806,
28.5551

■ 65.1725, 60.8235,
35.4997

Harmonies

Analogous

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



24.0232, 26.1116, 29.9540



24.3860, 26.1116, 30.9489



24.8690, 26.1116, 31.2619

Triad

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



24.3860, 26.1116, 30.9489



25.7880, 26.1116, 28.2863



24.2994, 26.1116, 26.1907

Complementary

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



24.3860, 26.1116, 30.9489



25.1762, 25.9811, 25.8786

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.



24.7677, 26.1116, 25.7765



24.3860, 26.1116, 30.9489



25.6308, 26.1116, 26.9607

Square

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



24.3860, 26.1116, 30.9489



25.6825, 26.1116, 29.6947



25.2557, 26.1116, 26.0537



23.9737, 26.1116, 27.2039

Rectangle

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



24.3860, 26.1116, 30.9489



25.1952, 26.1116, 31.0335



25.2557, 26.1116, 26.0537



24.4452, 26.1116, 25.9784

Sweetspot

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



24.3868, 26.1127, 30.9495



46.3599, 49.0721, 55.0020



24.5384, 27.3792, 28.0302



10.2143, 10.8281, 12.2239



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.



24.3868, 26.1127, 30.9495



41.7561, 44.9138, 54.4420



23.4582, 24.2556, 30.6400



5.7787, 6.1915, 7.3602



7.7956, 8.2861, 25.1195



0.1240, 0.1587, 0.3170

Inverse Universe

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



25.0499, 24.8096, 28.6690



43.2158, 42.0894, 49.4121



26.1347, 27.8981, 26.1981



5.9418, 5.8718, 6.7995



12.0620, 6.0298, 9.0732



0.1621, 0.0796, 0.1871

Previews

White Background



This preview shows how the XYZ color 24.3860, 26.1116, 30.9489 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 24.3860, 26.1116, 30.9489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

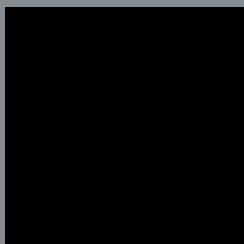
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

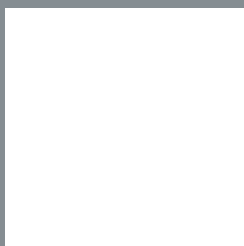
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3860, 26.1116, 30.9489

Background



This preview shows how black text looks on a background with the XYZ color 24.3860, 26.1116, 30.9489.



This preview shows how white text looks on a background with the XYZ color 24.3860, 26.1116,

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

24.3860, 26.1116, 30.9489

Protanopia

25.3280, 26.1723, 30.5049

Deuteranopia

26.5081, 25.9186, 31.2094



Tritanopia

24.7955, 26.0589, 33.0012

Trichromacy



Original Color

24.3860, 26.1116, 30.9489

Protanomaly

24.9702, 26.2038, 30.5298

Deuteranomaly

25.7137, 25.9272, 31.2530

Tritanomaly

24.6344, 25.9944, 32.1528

Monochromacy



Original Color

24.3860, 26.1116, 30.9489

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5771, 26.0275, 29.3196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3860, 26.1116, 30.9489 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(133, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(133, 141, 146)  
}
```

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(133, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 141, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.3860, 26.1116, 30.9489 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(133, 141, 146) }
```


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

```
.border{ border-color:rgb(133, 141, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 141, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(133, 141,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3860, 26.1116, 30.9489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 141, 146) }
```

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

```
.background{ background-color: rgb(133,  
141, 146) }
```

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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