

Converting Colors

XYZ(24.5015, 26.2879, 30.3908)

Have a look what the booklet for
XYZ(24.5015, 26.2879, 30.3908)
contains.

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Color

**XYZ(24.4672, 26.1624,
30.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	868D91
RGB	134, 141, 145
RGB Percent	53%, 55%, 57%
CMY	0.4745, 0.4470, 0.4314
CMYK	0.08, 0.03, 0.00, 0.43
HSL	202°, 5%, 55%
HSV	202°, 8%, 57%
XYZ	24.4672, 26.1624, 30.5484
YIQ	139.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

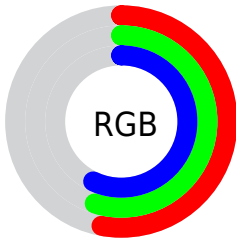
Format	Color
RYB	134, 138, 145
Decimal	8818065
CIELab	58.19, -1.72, -3.01
CIELCh	58, 3.472, 240.276
Yxy	26.1624, 0.3014, 0.3223
Android (android.graphics.Color)	4287008145 (0xFF868D91)
YUV	139.3630, 2.7790, -4.7034
Hunter-Lab	51.1492, -4.1257, 0.3940

Details

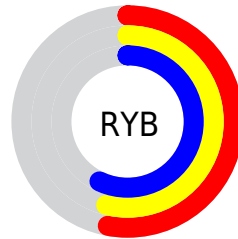
The XYZ color **24.4672, 26.1624, 30.5484** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0687, 25.9177, 26.2360**, and the grayscale version is **24.6723, 25.9571, 28.2673**.

A 20% lighter version of the original color is **50.3174, 53.7185, 61.7495**, and **9.4628, 10.1932, 12.2952** is the 20% darker color. If you saturate the color by 10%, you get **21.5543, 23.5352, 30.1952**, and if you desaturate by 10%, it is **27.7355, 29.0292, 30.9299**.

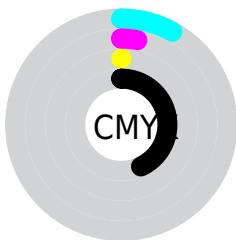
Distribution



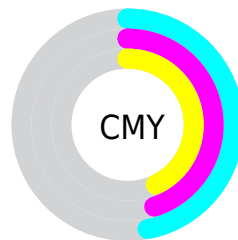
- Red (53%)
- Green (55%)
- Blue (57%)



- Red (53%)
- Yellow (54%)
- Blue (57%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)



- Cyan (47%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4672, 26.1624, 30.5484 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 24.4672, 26.1624, 30.5484 by changing the saturation by 10% instead.

■ 24.4672, 26.1624,
30.5484

■ 24.4672, 26.1624,
30.5484

267.5709,
283.5784, 318.7389

■ 15.8072, 16.9452,
19.9996

■ 50.2407, 53.5368,
61.5996

■ 9.4778, 10.1954,
12.2107

■ 68.0848, 72.4628,
82.9391

■ 5.1137, 5.5287,
6.7631

■ 89.7211, 95.3938,
108.7126

■ 2.3496, 2.5607,
3.2382

115.5147,
122.7143, 139.3386

■ 0.8198, 0.9069,
1.2175

145.8312,
154.8086, 175.2357

■ 0.0000, 0.0000,
0.0000

181.0358,

192.0611, 216.8224

221.4939,
234.8562, 264.5173

■ 24.4672, 26.1624,
30.5484

■ 24.4672, 26.1624,
30.5484

■ 21.5543, 23.5352,
30.1952

■ 27.7355, 29.0292,
30.9299

■ 18.9812, 21.1366,
29.8679

■ 31.3696, 32.1394,
31.3387

■ 16.7344, 18.9596,
29.5661

■ 35.3821, 35.5011,
31.7761

■ 14.7988, 16.9955,
29.2890

■ 39.7844, 39.1208,
32.2427

■ 13.1577, 15.2352,
29.0357

■ 44.5874, 43.0048,
32.7393

■ 11.7930, 13.6682,
28.8052

■ 49.8015, 47.1593,
33.2663

■ 10.6841, 12.2832,
28.5963

■ 55.4367, 51.5899,
33.8245

■ 9.8075, 11.0672,
28.4078

■ 61.5028, 56.3025,
34.4144

■ 9.1197, 9.9969,
28.2375

■ 64.4265, 59.4556,
34.8689

Harmonies

Analogous

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



24.1737, 26.1624, 29.6718



24.4672, 26.1624, 30.5484



24.8705, 26.1624, 30.8692

Triad

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



24.4672, 26.1624, 30.5484



25.6852, 26.1624, 28.4752



24.4605, 26.1624, 26.5300

Complementary

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



24.4672, 26.1624, 30.5484



25.0687, 25.9177, 26.2360

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.



24.8627, 26.1624, 26.2295



24.4672, 26.1624, 30.5484



25.5725, 26.1624, 27.3330

Square

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



24.4672, 26.1624, 30.5484



25.5765, 26.1624, 29.6519



25.2703, 26.1624, 26.5194



24.1699, 26.1624, 27.3518

Rectangle

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



24.4672, 26.1624, 30.5484



25.1483, 26.1624, 30.7179



25.2703, 26.1624, 26.5194



24.5870, 26.1624, 26.3657

Sweetspot

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



24.4680, 26.1635, 30.5490



46.9826, 49.6463, 55.0800



24.5339, 27.1502, 27.9357



10.4691, 11.0595, 12.2551



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.



24.4680, 26.1635, 30.5490



42.9402, 46.0723, 54.6032



23.6977, 24.6230, 30.2922



5.3977, 5.7911, 6.8621



7.7141, 8.4142, 24.1946



0.0948, 0.1225, 0.2383

Inverse Universe

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



25.0104, 24.9935, 28.7066



44.1088, 43.5772, 50.6289



25.8556, 27.4916, 26.4983



5.5442, 5.4782, 6.3637



11.6968, 5.8357, 9.3208



0.1224, 0.0600, 0.1450

Previews

White Background



This preview shows how the XYZ color 24.4672, 26.1624, 30.5484 looks on a white background.

Color Contrast Check

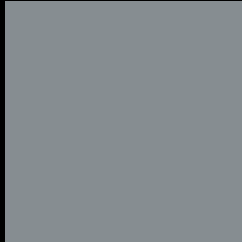
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4672, 26.1624, 30.5484 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

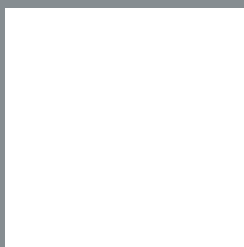
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4672, 26.1624, 30.5484

Background



This preview shows how black text looks on a background with the XYZ color 24.4672, 26.1624, 30.5484.



This preview shows how white text looks on a background with the XYZ color 24.4672, 26.1624,

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

24.4672, 26.1624, 30.5484

Protanopia

25.2512, 26.1416, 30.1005

Deuteranopia

26.5701, 26.1677, 30.8446



Tritanopia

24.9557, 26.1414, 33.0087

Trichromacy



Original Color

24.4672, 26.1624, 30.5484

Protanomaly

24.8934, 26.1731, 30.1254

Deuteranomaly

25.7784, 26.1816, 30.8890

Tritanomaly

24.7946, 26.0770, 32.1603

Monochromacy



Original Color

24.4672, 26.1624, 30.5484

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5023, 25.9976, 28.9259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4672, 26.1624, 30.5484 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(134, 141, 145)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 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(134, 141, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.4672, 26.1624, 30.5484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

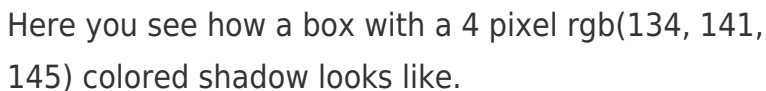
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(134, 141, 145) }
```


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

```
.border{ border-color:rgb(134, 141, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(134, 141, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 141, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 141, 145); box-shadow:4px 4px 4px 4px rgb(134, 141, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4672, 26.1624, 30.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 145) }
```

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

```
.background{ background-color: rgb(134,  
141, 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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