

Converting Colors

XYZ(25.1337, 26.3669, 33.4728)

Have a look what the booklet for
XYZ(25.1337, 26.3669, 33.4728)
contains.

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Color

**XYZ(25.1840, 26.4676,
33.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	878D98
RGB	135, 141, 152
RGB Percent	53%, 55%, 60%
CMY	0.4706, 0.4470, 0.4039
CMYK	0.11, 0.07, 0.00, 0.40
HSL	219°, 8%, 56%
HSV	219°, 11%, 60%
XYZ	25.1840, 26.4676, 33.4872
YIQ	140.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

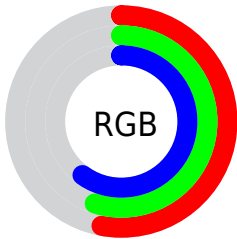
Format	Color
R_YB	135, 139, 152
Decimal	8883608
CIE Lab	58.48, 0.12, -6.59
CIE LCh	58, 6.591, 271.011
Yxy	26.4676, 0.2958, 0.3109
Android (android.graphics.Color)	4287073688 (0xFF878D98)
YUV	140.4600, 5.6892, -4.7884
Hunter-Lab	51.4467, -2.6530, -2.5798

Details

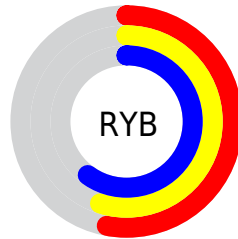
The XYZ color **25.1840, 26.4676, 33.4872** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6011, 28.9823, 27.0615**, and the grayscale version is **25.0874, 26.3939, 28.7429**.

A 20% lighter version of the original color is **51.3947, 54.1778, 66.1411**, and **9.8364, 10.3531, 13.7918** is the 20% darker color. If you saturate the color by 10%, you get **21.5248, 22.5241, 32.9193**, and if you desaturate by 10%, it is **29.3227, 30.8509, 34.1155**.

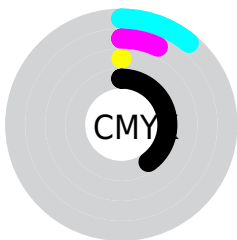
Distribution



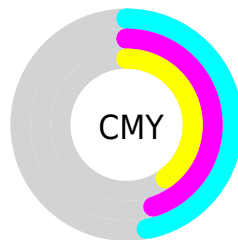
- Red (53%)
- Green (55%)
- Blue (60%)



- Red (53%)
- Yellow (55%)
- Blue (60%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (47%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1840, 26.4676, 33.4872 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 25.1840, 26.4676, 33.4872 by changing the saturation by 10% instead.

■ 25.1840, 26.4676,
33.4872

■ 25.1840, 26.4676,
33.4872

271.0838,
285.0700, 332.5385

■ 16.3437, 17.1738,
22.2258

■ 51.3963, 54.0283,
66.2602

■ 9.8600, 10.3585,
13.8230

■ 69.4990, 73.0641,
88.6088

■ 5.3678, 5.6373,
7.8603

■ 91.4198, 96.1159,
115.4902

■ 2.5016, 2.6258,
3.9192

117.5242,
123.5681, 147.3230

■ 0.8961, 0.9397,
1.5811

148.1774,
155.8053, 184.5257

■ 0.0000, 0.0000,
0.2773

183.7448,

■ 0.0000, 0.0000,

193.2117, 227.5168

0.0000

224.5919,
236.1718, 276.7149

■ 25.1840, 26.4676,
33.4872

■ 25.1840, 26.4676,
33.4872

■ 21.5248, 22.5241,
32.9193

■ 29.3227, 30.8509,
34.1155

■ 18.3248, 19.0028,
32.4083

■ 33.9556, 35.6841,
34.8043

■ 15.5654, 15.8896,
31.9528

■ 39.0996, 40.9813,
35.5556

■ 13.2260, 13.1687,
31.5509

■ 44.7704, 46.7550,
36.3712

■ 11.2842, 10.8227,
31.2004

■ 50.9825, 53.0171,
37.2524

■ 9.7152, 8.8330,
30.8991

■ 57.7502, 59.7789,
38.2009

■ 8.4913, 7.1790,
30.6443

■ 65.0871, 67.0517,
39.2180

■ 7.5804, 5.8375,
30.4334

■ 72.4146, 74.5410,
40.2774

■ 6.9713, 4.8744,
30.2796

■ 75.0668, 79.8454,
41.1615

Harmonies

Analogous

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



24.4132, 26.4676, 32.8772



25.1840, 26.4676, 33.4872



25.9634, 26.4676, 32.7918

Triad

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



25.1840, 26.4676, 33.4872



26.5082, 26.4676, 26.5924



23.8255, 26.4676, 26.7211

Complementary

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



25.1840, 26.4676, 33.4872



27.6011, 28.9823, 27.0615

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.



24.3668, 26.4676, 25.1803



25.1840, 26.4676, 33.4872



25.9151, 26.4676, 25.1088

Square

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



25.1840, 26.4676, 33.4872



26.7379, 26.4676, 28.7405



25.1293, 26.4676, 24.6056



23.6390, 26.4676, 28.8971

Rectangle

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



25.1840, 26.4676, 33.4872



26.3803, 26.4676, 31.7019



25.1293, 26.4676, 24.6056



23.9714, 26.4676, 26.1159

Sweetspot

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



25.1848, 26.4687, 33.4878



50.3221, 52.9444, 60.0007



26.3905, 29.6759, 31.4366



11.3055, 11.8943, 13.6175



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.1848, 26.4687, 33.4878



43.0484, 45.2163, 58.8924



24.6922, 24.9363, 33.2180



6.0540, 6.3654, 7.8385



5.8721, 4.1410, 25.3975



0.1199, 0.1261, 0.3904

Inverse Universe

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



26.4212, 25.9269, 28.8124



45.6075, 44.1309, 49.2071



28.1305, 30.6650, 27.3584



6.2944, 6.2569, 6.9303



11.4228, 5.8233, 3.4852



0.1870, 0.0935, 0.1375

Previews

White Background



This preview shows how the XYZ color 25.1840, 26.4676, 33.4872 looks on a white background.

Color Contrast Check

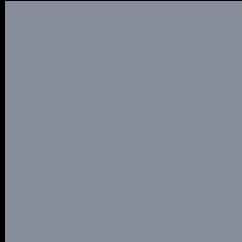
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1840, 26.4676, 33.4872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

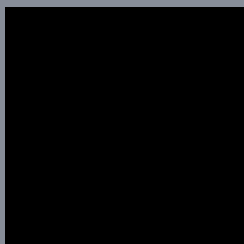
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1840, 26.4676, 33.4872

Background



This preview shows how black text looks on a background with the XYZ color 25.1840, 26.4676, 33.4872.

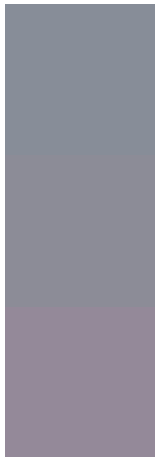


This preview shows how white text looks on a background with the XYZ color 25.1840, 26.4676,

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

25.1840, 26.4676, 33.4872

Protanopia

25.7792, 26.5660, 33.0472

Deuteranopia

26.9082, 26.4871, 33.8313



Tritanopia

25.1840, 26.4676, 33.4872

Trichromacy



Original Color

25.1840, 26.4676, 33.4872

Protanomaly

25.4452, 26.3938, 33.0316

Deuteranomaly

26.1659, 26.3165, 33.8375

Tritanomaly

25.1840, 26.4676, 33.4872

Monochromacy



Original Color

25.1840, 26.4676, 33.4872

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8934, 26.1731, 30.1254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1840, 26.4676, 33.4872 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, 141, 152) looks like.

```
.text, #text, p{  
    color:rgb(135, 141, 152)  
}
```

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, 141, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 141, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.1840, 26.4676, 33.4872 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, 141, 152) }
```


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

```
.border{ border-color:rgb(135, 141, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 141, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 141, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 141, 152);  
box-shadow:4px 4px 4px 4px rgb(135, 141,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1840, 26.4676, 33.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 141, 152) }
```

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

```
.background{ background-color: rgb(135,  
141, 152) }
```

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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