

Converting Colors

XYZ(26.0799, 28.6835, 34.0333)

Have a look what the booklet for
XYZ(26.0799, 28.6835, 34.0333)
contains.

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Color

**XYZ(26.0878, 28.7484,
33.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	859598
RGB	133, 149, 152
RGB Percent	52%, 58%, 60%
CMY	0.4784, 0.4157, 0.4039
CMYK	0.12, 0.02, 0.00, 0.40
HSL	189°, 8%, 56%
HSV	189°, 12%, 60%
XYZ	26.0878, 28.7484, 33.8798
YIQ	144.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

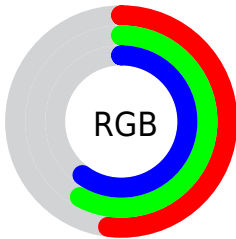
Format	Color
R_{YB}	133, 142, 152
Decimal	8754584
CIE _{Lab}	60.56, -5.06, -3.53
CIE _{LCh}	61, 6.165, 214.910
Yxy	28.7484, 0.2941, 0.3240
Android (android.graphics.Color)	4286944664 (0xFF859598)
YUV	144.5580, 3.6689, -10.1364
Hunter-Lab	53.6175, -6.9809, 0.0682

Details

The XYZ color **26.0878, 28.7484, 33.8798** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9869, 25.9771, 25.8353**, and the grayscale version is **26.7238, 28.1155, 30.6178**.

A 20% lighter version of the original color is **52.7462, 57.6072, 66.7318**, and **10.2839, 11.5140, 13.9923** is the 20% darker color. If you saturate the color by 10%, you get **23.4842, 26.8494, 33.6509**, and if you desaturate by 10%, it is **29.0482, 30.8444, 34.1288**.

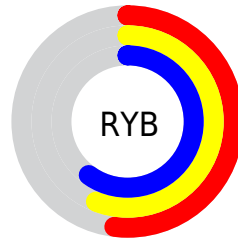
Distribution



Red (52%)

Green (58%)

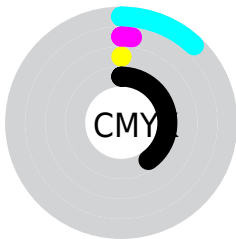
Blue (60%)



Red (52%)

Yellow (56%)

Blue (60%)

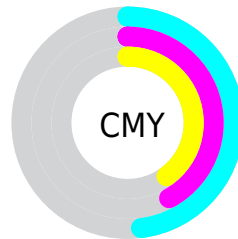


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (40%)



Cyan (48%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0878, 28.7484, 33.8798 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 26.0878, 28.7484, 33.8798 by changing the saturation by 10% instead.

■ 26.0878, 28.7484,
33.8798

■ 26.0878, 28.7484,
33.8798

275.4616,
296.0260, 334.3485

■ 17.0224, 18.8906,
22.5247

■ 52.8468, 57.6771,
66.8785

■ 10.3458, 11.5912,
14.0409

■ 71.2712, 77.5168,
89.3591

■ 5.6929, 6.4660,
8.0101

■ 93.5458, 101.4525,
116.3852

■ 2.6981, 3.1304,
4.0135

120.0362,
129.8687, 148.3755

■ 0.9962, 1.2002,
1.6328

151.1076,
163.1497, 185.7484

■ 0.0000, 0.0619,
0.3140

187.1254,

■ 0.0000, 0.0000,

201.6800, 228.9226

0.0000

228.4549,
245.8440, 278.3164

■ 26.0878, 28.7484,
33.8798

■ 26.0878, 28.7484,
33.8798

■ 23.4842, 26.8494,
33.6509

■ 29.0482, 30.8444,
34.1288

■ 21.2200, 25.1362,
33.4396

■ 32.3768, 33.1413,
34.3967

■ 19.2801, 23.6016,
33.2456

■ 36.0879, 35.6469,
34.6847

■ 17.6471, 22.2366,
33.0682

■ 40.1938, 38.3680,
34.9935

■ 16.3022, 21.0314,
32.9065

■ 44.7067, 41.3107,
35.3237

■ 15.2244, 19.9752,
32.7594

■ 49.6379, 44.4810,
35.6757

■ 14.3895, 19.0554,
32.6259

■ 54.9986, 47.8847,
36.0502

■ 13.7692, 18.2573,
32.5045

■ 60.7992, 51.5273,
36.4475

■ 13.3890, 17.7099,
32.4189

■ 61.3929, 52.4977,
36.6035

Harmonies

Analogous

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



25.8269, 28.7484, 31.6790



26.0878, 28.7484, 33.8798



26.6802, 28.7484, 35.4445

Triad

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



26.0878, 28.7484, 33.8798



28.7350, 28.7484, 33.1990



27.1936, 28.7484, 27.1326

Complementary

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



26.0878, 28.7484, 33.8798



25.9869, 25.9771, 25.8353

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.



27.9790, 28.7484, 27.4957



26.0878, 28.7484, 33.8798



28.8789, 28.7484, 30.9282

Square

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



26.0878, 28.7484, 33.8798



28.2103, 28.7484, 35.0382



28.5997, 28.7484, 28.8586



26.4574, 28.7484, 27.8415

Rectangle

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



26.0878, 28.7484, 33.8798



27.1889, 28.7484, 35.8771



28.5997, 28.7484, 28.8586



27.4606, 28.7484, 27.1336

Sweetspot

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



26.0886, 28.7496, 33.8804



50.4051, 53.8358, 60.1684



25.3349, 29.2168, 27.5413



11.3691, 12.1749, 13.6683



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.



26.0886, 28.7496, 33.8804



44.7028, 49.7747, 59.6851



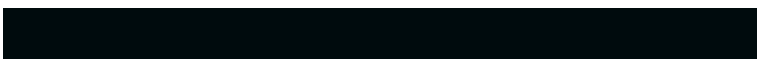
24.6679, 25.9081, 33.4069



6.3016, 6.8605, 7.9211



11.2447, 14.8861, 27.1883



0.1877, 0.2618, 0.4130

Inverse Universe

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



26.7619, 25.6210, 31.9699



46.1376, 43.1753, 55.5986



27.3620, 28.7273, 26.2936



6.4193, 6.3069, 7.5883



14.1346, 6.9081, 17.7655



0.2212, 0.1072, 0.3178

Previews

White Background



This preview shows how the XYZ color 26.0878, 28.7484, 33.8798 looks on a white background.

Color Contrast Check

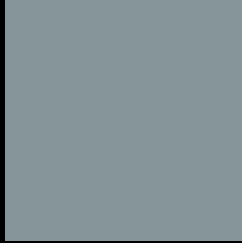
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0878, 28.7484, 33.8798 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

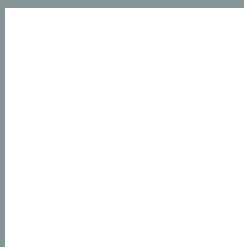
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0878, 28.7484, 33.8798

Background



This preview shows how black text looks on a background with the XYZ color 26.0878, 28.7484, 33.8798.



This preview shows how white text looks on a background with the XYZ color 26.0878, 28.7484,

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

26.0878, 28.7484, 33.8798

Protanopia

27.6630, 28.6559, 32.9273

Deuteranopia

29.2160, 28.7470, 34.5807



Tritanopia

26.7666, 28.7862, 37.4032

Trichromacy



Original Color

26.0878, 28.7484, 33.8798

Protanomaly

27.0201, 28.5429, 33.3634

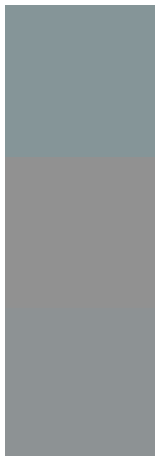
Deuteranomaly

28.0879, 28.8466, 34.2246

Tritanomaly

26.5072, 28.6825, 36.0375

Monochromacy



Original Color

26.0878, 28.7484, 33.8798

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.6087, 28.3586, 32.0883

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0878, 28.7484, 33.8798 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, 149, 152) looks like.

```
.text, #text, p{  
    color:rgb(133, 149, 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(133, 149, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 149, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.0878, 28.7484, 33.8798 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, 149, 152) }
```


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

```
.border{ border-color:rgb(133, 149, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 149, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 149, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 149, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 149,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0878, 28.7484, 33.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 149, 152) }
```

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

```
.background{ background-color: rgb(133,  
149, 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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