

Converting Colors

XYZ(26.6159, 26.1620, 33.7839)

Have a look what the booklet for
XYZ(26.6159, 26.1620, 33.7839)
contains.

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Color

**XYZ(26.5866, 26.1113,
33.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	938899
RGB	147, 136, 153
RGB Percent	58%, 53%, 60%
CMY	0.4235, 0.4667, 0.4000
CMYK	0.04, 0.11, 0.00, 0.40
HSL	279°, 8%, 57%
HSV	279°, 11%, 60%
XYZ	26.5866, 26.1113, 33.7757
YIQ	141.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

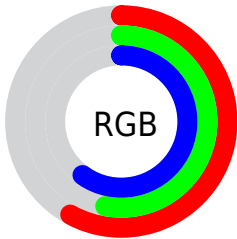
Format	Color
R_{YB}	147, 136, 153
Decimal	9668761
CIE _{Lab}	58.14, 7.42, -7.56
CIE _{LCh}	58, 10.588, 314.474
Yxy	26.1113, 0.3075, 0.3020
Android (android.graphics.Color)	4287858841 (0xFF938899)
YUV	141.2270, 5.8041, 5.0629
Hunter-Lab	51.0992, 3.4488, -3.4202

Details

The XYZ color **26.5866, 26.1113, 33.7757** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9914, 30.3115, 27.7220**, and the grayscale version is **25.3848, 26.7068, 29.0837**.

A 20% lighter version of the original color is **53.5475, 53.3177, 66.5006**, and **10.5499, 10.1017, 13.9642** is the 20% darker color. If you saturate the color by 10%, you get **23.6382, 21.6183, 33.0642**, and if you desaturate by 10%, it is **29.8896, 31.2452, 34.5930**.

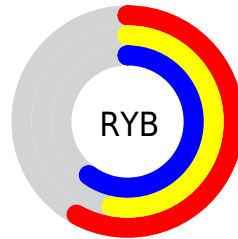
Distribution



Red (58%)

Green (53%)

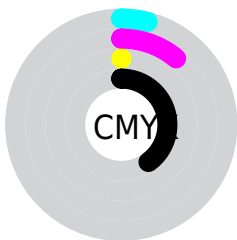
Blue (60%)



Red (58%)

Yellow (53%)

Blue (60%)

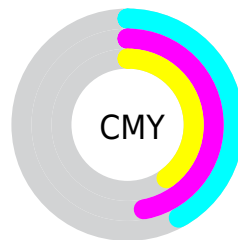


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5866, 26.1113, 33.7757 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 26.5866, 26.1113, 33.7757 by changing the saturation by 10% instead.

■ 26.5866, 26.1113,
33.7757

■ 26.5866, 26.1113,
33.7757

277.8541,
283.3280, 333.8693

■ 17.3980, 16.9069,
22.4454

■ 53.6444, 53.4544,
66.7146

■ 10.6157, 10.1682,
13.9831

■ 72.2442, 72.3620,
89.1603

■ 5.8744, 5.5106,
7.9703

■ 94.7118, 95.2727,
116.1482

■ 2.8088, 2.5498,
3.9884

121.4126,
122.5711, 148.0968

■ 1.0535, 0.9015,
1.6190

152.7118,
154.6414, 185.4246

■ 0.0000, 0.0000,
0.3043

188.9749,

■ 0.0000, 0.0000,

191.8680, 228.5503

0.0000

230.5672,
234.6354, 277.8924

■ 26.5866, 26.1113,
33.7757

■ 26.5866, 26.1113,
33.7757

■ 23.6382, 21.6183,
33.0642

■ 29.8896, 31.2452,
34.5930

■ 21.0286, 17.7365,
32.4525

■ 33.5577, 37.0414,
35.5184

■ 18.7439, 14.4391,
31.9365

■ 37.6039, 43.5244,
36.5565

■ 16.7685, 11.6956,
31.5110

■ 42.0395, 50.7163,
37.7109

■ 15.0854, 9.4729,
31.1707

■ 46.8758, 58.6383,
38.9851

■ 13.6757, 7.7342,
30.9094

■ 52.1232, 67.3109,
40.3825

■ 12.5180, 6.4377,
30.7202

■ 57.7920, 76.7534,
41.9063

■ 11.5871, 5.5344,
30.5949

■ 62.7962, 84.7934,
43.1944

■ 10.8951, 4.9524,
30.5191

■ 64.1721, 85.5028,
43.2588

Harmonies

Analogous

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



25.4397, 26.1113, 35.8344



26.5866, 26.1113, 33.7757



27.2714, 26.1113, 30.3641

Triad

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



26.5866, 26.1113, 33.7757



25.4842, 26.1113, 22.1527



22.5053, 26.1113, 30.2333

Complementary

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



26.5866, 26.1113, 33.7757



26.9914, 30.3115, 27.7220

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.



22.5163, 26.1113, 26.5813



26.5866, 26.1113, 33.7757



24.2066, 26.1113, 22.1243

Square

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



26.5866, 26.1113, 33.7757



26.6202, 26.1113, 23.7631



23.1296, 26.1113, 23.6817



23.0991, 26.1113, 33.6729

Rectangle

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



26.5866, 26.1113, 33.7757



27.3594, 26.1113, 27.8833



23.1296, 26.1113, 23.6817



22.4391, 26.1113, 28.9854

Sweetspot

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



26.5874, 26.1124, 33.7763



52.3244, 54.0717, 61.6511



25.6119, 26.9507, 33.9895



11.4505, 11.7784, 13.5874



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.



26.5874, 26.1124, 33.7763



46.4277, 44.9405, 60.1994



27.5061, 26.6074, 32.8513



6.2495, 6.2145, 7.7991



9.0415, 4.1121, 25.2249



0.1743, 0.0817, 0.3789

Inverse Universe

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



26.8244, 26.3348, 29.2617



46.9395, 45.4165, 50.6402



26.1523, 29.8601, 28.5325



6.2944, 6.2569, 6.9302



11.4225, 5.8232, 3.4837



0.1870, 0.0935, 0.1374

Previews

White Background



This preview shows how the XYZ color 26.5866, 26.1113, 33.7757 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 26.5866, 26.1113, 33.7757 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 26.5866, 26.1113, 33.7757

Background



This preview shows how black text looks on a background with the XYZ color 26.5866, 26.1113, 33.7757.



This preview shows how white text looks on a background with the XYZ color 26.5866, 26.1113,

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

26.5866, 26.1113, 33.7757

Protanopia

25.6302, 26.2351, 34.7234

Deuteranopia

26.5866, 26.1113, 33.7757



Tritanopia

26.1450, 26.1404, 31.6846

Trichromacy



Original Color

26.5866, 26.1113, 33.7757

Protanomaly

25.9057, 26.1728, 34.2583

Deuteranomaly

26.5866, 26.1113, 33.7757

Tritanomaly

26.3047, 26.2043, 32.5257

Monochromacy



Original Color

26.5866, 26.1113, 33.7757

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6711, 26.3492, 30.5210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5866, 26.1113, 33.7757 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(147, 136, 153)` looks like.

```
.text, #text, p{  
    color:rgb(147, 136, 153)  
}
```

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(147, 136, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 136, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.5866, 26.1113, 33.7757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

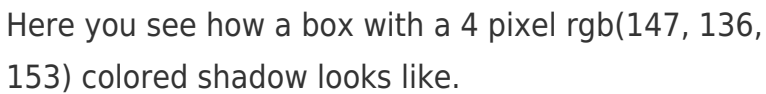
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 136, 153) }
```


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

```
.border{ border-color:rgb(147, 136, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 136, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 136, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 136, 153); box-shadow:4px 4px 4px 4px rgb(147, 136, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5866, 26.1113, 33.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 136, 153) }
```

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

```
.background{ background-color: rgb(147,  
136, 153) }
```

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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