

Converting Colors

XYZ(26.2734, 30.5135, 30.2430)

Have a look what the booklet for
XYZ(26.2734, 30.5135, 30.2430)
contains.

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Color

**XYZ(26.2867, 30.6355,
30.1190)**

Conversions

Conversions Part 1

Format	Color
Hex	849C8E
RGB	132, 156, 142
RGB Percent	52%, 61%, 56%
CMY	0.4823, 0.3882, 0.4431
CMYK	0.15, 0.00, 0.09, 0.39
HSL	145°, 11%, 56%
HSV	145°, 15%, 61%
XYZ	26.2867, 30.6355, 30.1190
YIQ	147.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

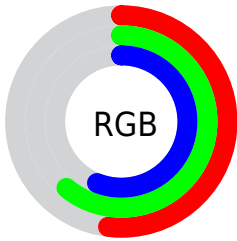
Format	Color
RYB	132, 149, 156
Decimal	8690830
CIELab	62.20, -11.30, 4.51
CIElCh	62, 12.167, 158.235
Yxy	30.6355, 0.3020, 0.3520
Android (android.graphics.Color)	4286880910 (0xFF849C8E)
YUV	147.2280, -2.5774, -13.3550
Hunter-Lab	55.3493, -12.0875, 6.4812

Details

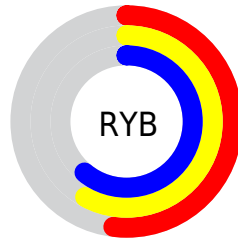
The XYZ color **26.2867, 30.6355, 30.1190** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.1510, 25.6466, 30.7148**, and the grayscale version is **27.8415, 29.2914, 31.8983**.

A 20% lighter version of the original color is **53.2657, 60.8883, 61.1698**, and **10.4630, 12.6697, 12.0193** is the 20% darker color. If you saturate the color by 10%, you get **23.3717, 29.2094, 26.5604**, and if you desaturate by 10%, it is **29.6241, 32.2746, 33.9899**.

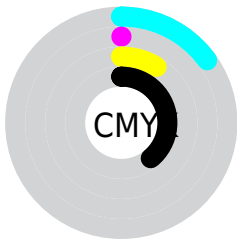
Distribution



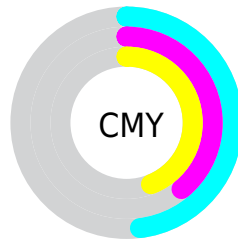
- Red (52%)
- Green (61%)
- Blue (56%)



- Red (52%)
- Yellow (58%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2867, 30.6355, 30.1190 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 26.2867, 30.6355, 30.1190 by changing the saturation by 10% instead.

■ 26.2867, 30.6355,
30.1190

■ 26.2867, 30.6355,
30.1190

276.4176,
304.8555, 316.6833

■ 17.1721, 20.3215,
19.6761

■ 53.1651, 60.6657,
60.9135

■ 10.4533, 12.6289,
11.9781

■ 71.6596, 81.1507,
82.1023

■ 5.7651, 7.1735,
6.6064

■ 94.0114, 105.7948,
107.7101

■ 2.7421, 3.5709,
3.1425

120.5859,
134.9824, 138.1554

■ 1.0189, 1.4365,
1.1679

151.7484,
169.0979, 173.8569

■ 0.0000, 0.2434,
0.0000

187.8642,

■ 0.0000, 0.0000,

208.5256, 215.2330

0.0000

229.2989,
253.6500, 262.7023

■ 26.2867, 30.6355,
30.1190

■ 26.2867, 30.6355,
30.1190

■ 23.3717, 29.2094,
26.5604

■ 29.6241, 32.2746,
33.9899

■ 20.8590, 27.9835,
23.3044

■ 33.3976, 34.1312,
38.1786

■ 18.7308, 26.9497,
20.3436

■ 37.6238, 36.2143,
42.6928

■ 16.9667, 26.0976,
17.6695

■ 42.3172, 38.5314,
47.5397

■ 15.5447, 25.4161,
15.2733

■ 47.4921, 41.0897,
52.7258

■ 14.4397, 24.8924,
13.1457

■ 53.1618, 43.8960,
58.2578

■ 13.6236, 24.5122,
11.2767

■ 59.3393, 46.9568,
64.1420

■ 13.0594, 24.2567,
9.6557

■ 65.3701, 49.9345,
70.3534

■ 12.8431, 24.1597,
8.9868

■ 66.5712, 50.4150,
76.6783

Harmonies

Analogous

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



27.2099, 30.6355, 26.7543



26.2867, 30.6355, 30.1190



26.1075, 30.6355, 34.6671

Triad

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



26.2867, 30.6355, 30.1190



29.5721, 30.6355, 43.1166



31.6659, 30.6355, 28.0742

Complementary

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



26.2867, 30.6355, 30.1190



27.1510, 25.6466, 30.7148

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.



32.3517, 30.6355, 32.0800



26.2867, 30.6355, 30.1190



31.1136, 30.6355, 40.9651

Square

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



26.2867, 30.6355, 30.1190



27.9645, 30.6355, 42.4664



32.1459, 30.6355, 36.8188



30.3031, 30.6355, 25.6531

Rectangle

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



26.2867, 30.6355, 30.1190



26.4274, 30.6355, 37.8142



32.1459, 30.6355, 36.8188



31.9855, 30.6355, 29.2643

Sweetspot

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



26.2876, 30.6368, 30.1197



53.9885, 58.7081, 61.9424



27.9798, 31.5921, 26.4534



11.7876, 12.8730, 13.5254



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.2876, 30.6368, 30.1197



46.0919, 54.8331, 52.7247



27.2047, 31.0037, 34.9494



6.6596, 7.4446, 7.6422



10.5948, 19.9058, 7.4891



0.2100, 0.3642, 0.2423

Inverse Universe

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



27.1510, 25.6466, 30.7148



47.9248, 44.2387, 53.9873



26.2936, 25.3036, 26.1996



6.7871, 6.7078, 7.7302



12.8662, 6.4511, 8.8126



0.2508, 0.1237, 0.2670

Previews

White Background



This preview shows how the XYZ color 26.2867, 30.6355, 30.1190 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.2867, 30.6355, 30.1190 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 ✓ Pass

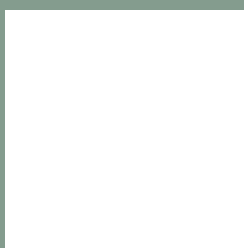
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2867, 30.6355, 30.1190

Background



This preview shows how black text looks on a background with the XYZ color 26.2867, 30.6355, 30.1190.

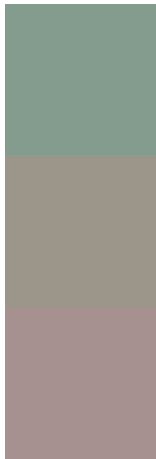


This preview shows how white text looks on a background with the XYZ color 26.2867, 30.6355,

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

26.2867, 30.6355, 30.1190

Protanopia

28.8525, 30.2984, 28.3723

Deuteranopia

31.0958, 30.4799, 30.6298



Tritanopia

28.3361, 30.7333, 40.0360

Trichromacy



Original Color

26.2867, 30.6355, 30.1190

Protanomaly

27.9211, 30.5236, 28.8461

Deuteranomaly

29.0318, 30.3481, 30.3142

Tritanomaly

27.6331, 30.6964, 36.3669

Monochromacy



Original Color

26.2867, 30.6355, 30.1190

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1725, 29.6078, 31.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2867, 30.6355, 30.1190 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(132, 156, 142)` looks like.

```
.text, #text, p{  
    color:rgb(132, 156, 142)  
}
```

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(132, 156, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 156, 142) }
```

Border

The CSS property to change the border of an element to XYZ 26.2867, 30.6355, 30.1190 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(132, 156, 142) }
```


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

```
.border{ border-color:rgb(132, 156, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 156, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 156, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 156, 142);  
box-shadow:4px 4px 4px 4px rgb(132, 156,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2867, 30.6355, 30.1190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 156, 142) }
```

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

```
.background{ background-color: rgb(132,  
156, 142) }
```

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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