

Converting Colors

XYZ(26.7304, 31.2445, 30.6215)

Have a look what the booklet for
XYZ(26.7304, 31.2445, 30.6215)
contains.

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Color

**XYZ(26.8577, 31.4234,
30.6364)**

Conversions

Conversions Part 1

Format	Color
Hex	859E8F
RGB	133, 158, 143
RGB Percent	52%, 62%, 56%
CMY	0.4784, 0.3804, 0.4392
CMYK	0.16, 0.00, 0.09, 0.38
HSL	144°, 11%, 57%
HSV	144°, 16%, 62%
XYZ	26.8577, 31.4234, 30.6364
YIQ	148.8150, -10.0850, -9.9650

Conversions

Conversions Part 2

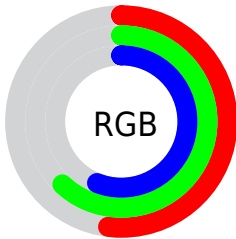
Format	Color
RYB	133, 151, 158
Decimal	8756879
CIELab	62.86, -11.82, 4.92
CIELCh	63, 12.804, 157.424
Yxy	31.4234, 0.3021, 0.3534
Android (android.graphics.Color)	4286946959 (0xFF859E8F)
YUV	148.8150, -2.8668, -13.8698
Hunter-Lab	56.0566, -12.5765, 6.8361

Details

The XYZ color **26.8577, 31.4234, 30.6364** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.8345, 26.1832, 31.6053**, and the grayscale version is **28.5047, 29.9892, 32.6582**.

A 20% lighter version of the original color is **54.1220, 62.0588, 61.9493**, and **10.8008, 13.1447, 12.3238** is the 20% darker color. If you saturate the color by 10%, you get **23.8603, 29.9586, 26.9043**, and if you desaturate by 10%, it is **30.2928, 33.1086, 34.7072**.

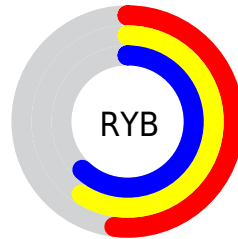
Distribution



Red (52%)

Green (62%)

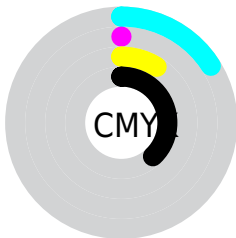
Blue (56%)



Red (52%)

Yellow (59%)

Blue (62%)

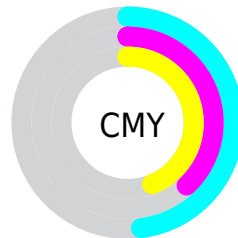


Cyan (16%)

Magenta (0%)

Yellow (9%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8577, 31.4234, 30.6364 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 26.8577, 31.4234, 30.6364 by changing the saturation by 10% instead.

■ 26.8577, 31.4234,
30.6364

■ 26.8577, 31.4234,
30.6364

279.1476,
308.4842, 319.1589

■ 17.6024, 20.9215,
20.0660

■ 54.0769, 61.9061,
61.7400

■ 10.7629, 13.0666,
12.2585

■ 72.7716, 82.6556,
83.1103

■ 5.9737, 7.4744,
6.7953

■ 95.3434, 107.5898,
108.9176

■ 2.8696, 3.7605,
3.2579

122.1578,
137.0930, 139.5806

■ 1.0852, 1.5405,
1.2278

153.5800,
171.5496, 175.5176

■ 0.0127, 0.3170,
0.0015

189.9755,

■ 0.0000, 0.0000,

211.3441, 217.1473

0.0000

231.7096,
256.8608, 264.8882

■ 26.8577, 31.4234,
30.6364

■ 26.8577, 31.4234,
30.6364

■ 23.8603, 29.9586,
26.9043

■ 30.2928, 33.1086,
34.7072

■ 21.2799, 28.7010,
23.5002

■ 34.1802, 35.0189,
39.1230

■ 19.0977, 27.6420,
20.4157

■ 38.5368, 37.1638,
43.8925

■ 17.2926, 26.7710,
17.6415

■ 43.3780, 39.5509,
49.0234

■ 15.8416, 26.0762,
15.1676

■ 48.7184, 42.1878,
54.5232

■ 14.7185, 25.5445,
12.9835

■ 54.5721, 45.0815,
60.3993

■ 13.8939, 25.1607,
11.0781

■ 60.9525, 48.2388,
66.6587

■ 13.3278, 24.9045,
9.4391

■ 66.2336, 50.8213,
73.2316

■ 13.1301, 24.8159,
8.8292

■ 67.5167, 51.3346,
79.9884

Harmonies

Analogous

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



27.8625, 31.4234, 27.0982



26.8577, 31.4234, 30.6364



26.6437, 31.4234, 35.4789

Triad

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



26.8577, 31.4234, 30.6364



30.3052, 31.4234, 44.7226



32.6283, 31.4234, 28.6704

Complementary

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



26.8577, 31.4234, 30.6364



27.8345, 26.1832, 31.6053

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.



33.3403, 31.4234, 32.9810



26.8577, 31.4234, 30.6364



31.9654, 31.4234, 42.4795

Square

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



26.8577, 31.4234, 30.6364



28.5899, 31.4234, 43.9386



33.0931, 31.4234, 38.0614



31.1816, 31.4234, 26.0431

Rectangle

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



26.8577, 31.4234, 30.6364



26.9703, 31.4234, 38.8624



33.0931, 31.4234, 38.0614



32.9641, 31.4234, 29.9532

Sweetspot

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



26.8586, 31.4247, 30.6371



55.4935, 60.3602, 63.5860



28.7499, 32.4834, 26.9456



12.4113, 13.5592, 14.2200



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.8586, 31.4247, 30.6371



46.7523, 56.0757, 53.1603



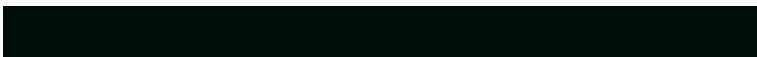
27.8242, 31.8110, 35.7220



6.6552, 7.4428, 7.6187



10.5338, 19.8815, 7.1682



0.2086, 0.3636, 0.2349

Inverse Universe

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



27.8345, 26.1832, 31.6053



48.8692, 44.7053, 55.2592



26.9271, 25.8202, 26.8268



6.7917, 6.7096, 7.7543



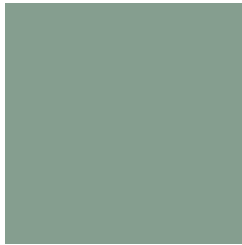
12.9602, 6.4886, 9.3072



0.2522, 0.1242, 0.2743

Previews

White Background



This preview shows how the XYZ color 26.8577, 31.4234, 30.6364 looks on a white background.

Color Contrast Check

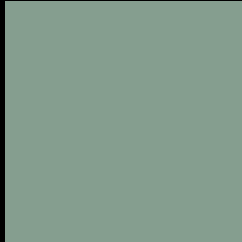
Large Text (above 18pt) WCAG AA × Fail

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 26.8577, 31.4234, 30.6364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

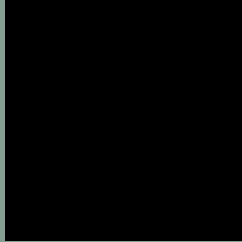
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

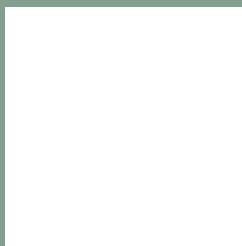
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8577, 31.4234, 30.6364

Background



This preview shows how black text looks on a background with the XYZ color 26.8577, 31.4234, 30.6364.

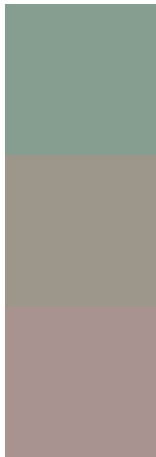


This preview shows how white text looks on a background with the XYZ color 26.8577, 31.4234,

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

26.8577, 31.4234, 30.6364

Protanopia

29.6314, 31.1654, 28.8799

Deuteranopia

31.9067, 31.3468, 31.1569



Tritanopia

29.0129, 31.5511, 41.1200

Trichromacy



Original Color

26.8577, 31.4234, 30.6364

Protanomaly

28.5020, 31.3006, 29.3503

Deuteranomaly

29.8110, 31.2148, 30.8394

Tritanomaly

28.2134, 31.4798, 36.9370

Monochromacy



Original Color

26.8577, 31.4234, 30.6364

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8224, 30.4027, 32.0057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8577, 31.4234, 30.6364 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, 158, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 158, 143)  
}
```

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, 158, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 158, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.8577, 31.4234, 30.6364 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, 158, 143) }
```


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

```
.border{ border-color:rgb(133, 158, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 158, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 158, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 158, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 158,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8577, 31.4234, 30.6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 158, 143) }
```

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

```
.background{ background-color: rgb(133,  
158, 143) }
```

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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