

Converting Colors

XYZ(26.4468, 32.4813, 29.4856)

Have a look what the booklet for
XYZ(26.4468, 32.4813, 29.4856)
contains.

XYZ(26.5098, 32.5705, 29.3156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5098, 32.5705,
29.3156)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA38B
RGB	127, 163, 139
RGB Percent	50%, 64%, 55%
CMY	0.5020, 0.3608, 0.4549
CMYK	0.22, 0.00, 0.15, 0.36
HSL	140°, 16%, 57%
HSV	140°, 22%, 64%
XYZ	26.5098, 32.5705, 29.3156
YIQ	149.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

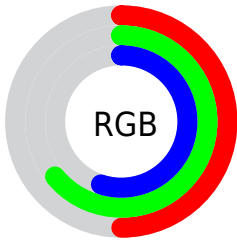
Format	Color
RYB	127, 154, 163
Decimal	8364939
CIELab	63.81, -17.33, 8.46
CIELCh	64, 19.288, 153.979
Yxy	32.5705, 0.2999, 0.3685
Android (android.graphics.Color)	4286555019 (0xFF7FA38B)
YUV	149.5000, -5.1765, -19.7325
Hunter-Lab	57.0706, -16.9586, 9.4937

Details

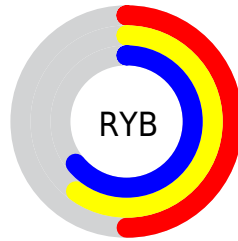
The XYZ color **26.5098, 32.5705, 29.3156** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.2807, 25.2004, 32.6533**, and the grayscale version is **28.8039, 30.3039, 33.0009**.

A 20% lighter version of the original color is **53.4082, 63.6519, 59.3403**, and **10.5482, 13.6679, 11.5334** is the 20% darker color. If you saturate the color by 10%, you get **23.5209, 31.1178, 25.2350**, and if you desaturate by 10%, it is **29.9722, 34.2600, 33.8318**.

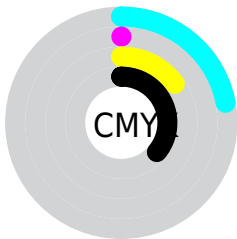
Distribution



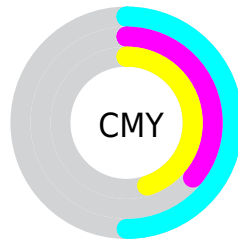
- Red (50%)
- Green (64%)
- Blue (55%)



- Red (50%)
- Yellow (60%)
- Blue (64%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)





- Cyan (50%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5098, 32.5705, 29.3156 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 26.5098, 32.5705, 29.3156 by changing the saturation by 10% instead.


 26.5098, 32.5705,
29.3156


 26.5098, 32.5705,
29.3156


277.4868,
313.7099, 312.8085


 17.3401, 21.7976,
19.0721


 53.5217, 63.7044,
59.6263

 10.5741, 13.7083,
11.5450


 72.0946, 84.8342,
80.5305

 5.8464, 7.9180,
6.3159


 94.5326, 110.1851,
105.8254

 2.7917, 4.0426,
2.9662

121.2011,
140.1415, 135.9295

 1.0446, 1.6974,
1.0774

152.4654,
175.0878, 171.2613

 0.0000, 0.4220,
0.0000

188.6909,

 0.0000, 0.0000,

215.4084, 212.2394

0.0000

230.2429,
261.4876, 259.2823

■ 26.5098, 32.5705,
29.3156

■ 26.5098, 32.5705,
29.3156

■ 23.5209, 31.1178,
25.2350

■ 29.9722, 34.2600,
33.8318

■ 20.9817, 29.8872,
21.5749

■ 33.9253, 36.1921,
38.7939

■ 18.8703, 28.8685,
18.3225

■ 38.3885, 38.3777,
44.2144

■ 17.1617, 28.0492,
15.4633

■ 43.3796, 40.8254,
50.1049

■ 15.8285, 27.4155,
12.9822

■ 48.9152, 43.5439,
56.4763

■ 14.8394, 26.9514,
10.8630

■ 55.0115, 46.5411,
63.3394

■ 14.1576, 26.6385,
9.0880

■ 61.6838, 49.8246,
70.7044

■ 13.7715, 26.4651,
7.9134

■ 68.0569, 52.9433,
78.5398

■ 69.5956, 53.5587,
86.6423

Harmonies

Analogous

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



28.1373, 32.5705, 24.4792



26.5098, 32.5705, 29.3156



26.0479, 32.5705, 36.5087

Triad

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



26.5098, 32.5705, 29.3156



31.3200, 32.5705, 52.5177



35.4791, 32.5705, 27.7650

Complementary

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



26.5098, 32.5705, 29.3156



28.2807, 25.2004, 32.6533

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.



36.4478, 32.5705, 34.4389



26.5098, 32.5705, 29.3156



33.9596, 32.5705, 49.3231

Square

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



26.5098, 32.5705, 29.3156



28.7287, 32.5705, 50.6238



35.8763, 32.5705, 42.4165



33.2983, 32.5705, 23.6798

Rectangle

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



26.5098, 32.5705, 29.3156



26.4392, 32.5705, 41.8762



35.8763, 32.5705, 42.4165



35.9629, 32.5705, 29.7418

Sweetspot

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



26.5107, 32.5719, 29.3163



57.0725, 63.0137, 64.8909



29.8033, 34.3651, 25.1414



12.7307, 14.1098, 14.4643



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.5107, 32.5719, 29.3163



44.4751, 56.8703, 48.4487



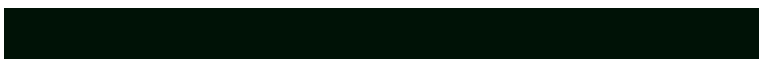
27.8853, 33.1217, 36.5552



7.0784, 7.9322, 8.0246



10.7217, 20.5750, 6.2512



0.2465, 0.4408, 0.2429

Inverse Universe

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



28.2807, 25.2004, 32.6533



48.2710, 41.0557, 55.6004



26.9698, 24.6761, 25.7504



7.2635, 7.1618, 8.3738



13.8920, 6.9128, 11.8877



0.3124, 0.1535, 0.3578

Previews

White Background



This preview shows how the XYZ color 26.5098, 32.5705, 29.3156 looks on a white background.

Color Contrast Check

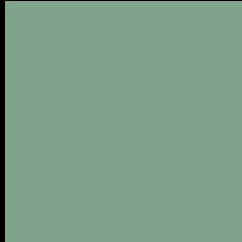
Large Text (above 18pt) WCAG AA × Fail

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 26.5098, 32.5705, 29.3156 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

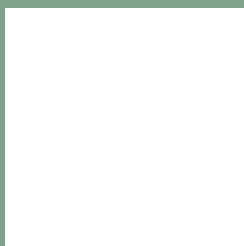
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5098, 32.5705, 29.3156

Background



This preview shows how black text looks on a background with the XYZ color 26.5098, 32.5705, 29.3156.



This preview shows how white text looks on a background with the XYZ color 26.5098, 32.5705,

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

26.5098, 32.5705, 29.3156

Protanopia

30.5566, 32.4095, 27.1994

Deuteranopia

33.0855, 32.4466, 30.1102



Tritanopia

29.2504, 32.3805, 43.2365

Trichromacy



Original Color

26.5098, 32.5705, 29.3156

Protanomaly

28.8953, 32.2811, 28.0005

Deuteranomaly

30.2679, 32.2024, 29.8197

Tritanomaly

28.1889, 32.4701, 37.5825

Monochromacy



Original Color

26.5098, 32.5705, 29.3156

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0650, 31.2688, 31.7504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5098, 32.5705, 29.3156 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(127, 163, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 163, 139)  
}
```

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(127, 163, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 163, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.5098, 32.5705, 29.3156 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(127, 163, 139) }
```


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

```
.border{ border-color:rgb(127, 163, 139) }
```

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

Here you see how a box with a 4 pixel rgb(127, 163, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 163, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 163, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 163,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5098, 32.5705, 29.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 163, 139) }
```

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

```
.background{ background-color: rgb(127,  
163, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor