

Converting Colors

XYZ(26.5676, 33.4733, 26.1798)

Have a look what the booklet for
XYZ(26.5676, 33.4733, 26.1798)
contains.

XYZ(26.5676, 33.4733, 26.1798)	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(26.5676, 33.4733,
26.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	80A682
RGB	128, 166, 130
RGB Percent	50%, 65%, 51%
CMY	0.4980, 0.3490, 0.4902
CMYK	0.23, 0.00, 0.22, 0.35
HSL	123°, 18%, 58%
HSV	123°, 23%, 65%
XYZ	26.5676, 33.4733, 26.1798
YIQ	150.5340, -11.0920, -19.2520

Conversions

Conversions Part 2

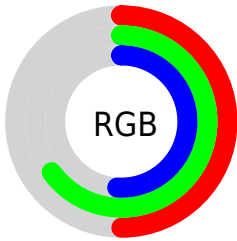
Format	Color
RYB	128, 164, 166
Decimal	8431234
CIELab	64.54, -20.25, 14.50
CIElCh	65, 24.903, 144.388
Yxy	33.4733, 0.3081, 0.3882
Android (android.graphics.Color)	4286621314 (0xFF80A682)
YUV	150.5340, -10.1233, -19.7623
Hunter-Lab	57.8561, -19.2808, 13.6706

Details

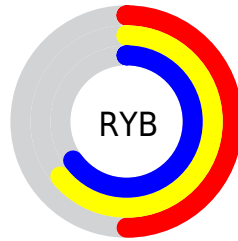
The XYZ color **26.5676, 33.4733, 26.1798** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.1471, 26.2265, 38.5969**, and the grayscale version is **29.2624, 30.7863, 33.5262**.

A 20% lighter version of the original color is **53.4598, 64.9556, 54.5198**, and **10.6444, 14.2484, 9.9738** is the 20% darker color. If you saturate the color by 10%, you get **23.2959, 31.9004, 20.9313**, and if you desaturate by 10%, it is **30.4110, 35.3242, 32.2988**.

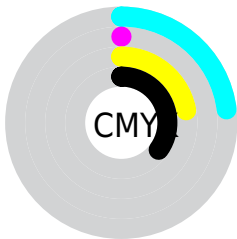
Distribution



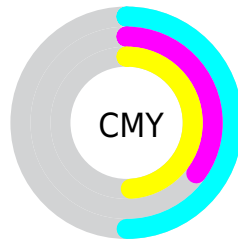
- Red (50%)
- Green (65%)
- Blue (51%)



- Red (50%)
- Yellow (64%)
- Blue (65%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (50%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5676, 33.4733, 26.1798 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 26.5676, 33.4733, 26.1798 by changing the saturation by 10% instead.

■ 26.5676, 33.4733,
26.1798

■ 26.5676, 33.4733,
26.1798

277.7633,
317.7771, 297.2971

■ 17.3836, 22.4893,
16.7312

■ 53.6140, 65.1138,
54.5525

■ 10.6054, 14.2168,
9.8831

■ 72.2072, 86.5390,
74.3137

■ 5.8675, 8.2716,
5.2169

■ 94.6675, 112.2134,
98.3496

■ 2.8046, 4.2693,
2.3141

121.3603,
142.5214, 127.0786

■ 1.0513, 1.8253,
0.7391

152.6509,
177.8474, 160.9193

■ 0.0000, 0.5029,
0.0000

188.9047,

■ 0.0000, 0.0000,

218.5757, 200.2903

0.0000

230.4870,
265.0908, 245.6100

■ 26.5676, 33.4733,
26.1798

■ 26.5676, 33.4733,
26.1798

■ 23.2959, 31.9004,
20.9313

■ 30.4110, 35.3242,
32.2988

■ 20.5661, 30.5881,
16.5116

■ 34.8487, 37.4610,
39.3228

■ 18.3496, 29.5236,
12.8790

■ 39.9055, 39.8969,
47.2875

■ 16.6144, 28.6913,
9.9874

■ 45.6039, 42.6425,
56.2256

■ 15.3247, 28.0738,
7.7858

■ 51.9651, 45.7084,
66.1686

■ 14.4397, 27.6514,
6.2167

■ 59.0097, 49.1043,
77.1463

■ 13.9112, 27.4006,
5.2135

■ 66.7571, 52.8398,
89.1874

■ 13.6847, 27.2928,
4.7977

■ 72.9268, 55.7537,
101.5256

Harmonies

Analogous

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



29.0713, 33.4733, 21.3463



26.5676, 33.4733, 26.1798



25.4765, 33.4733, 34.5625

Triad

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



26.5676, 33.4733, 26.1798



31.1505, 33.4733, 59.6505



38.4673, 33.4733, 28.9352

Complementary

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



26.5676, 33.4733, 26.1798



30.1471, 26.2265, 38.5969

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.



39.1271, 33.4733, 38.3982



26.5676, 33.4733, 26.1798



34.7269, 33.4733, 57.3807

Square

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



26.5676, 33.4733, 26.1798



27.9928, 33.4733, 54.8244



37.7123, 33.4733, 49.0982



35.9709, 33.4733, 22.7171

Rectangle

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



26.5676, 33.4733, 26.1798



25.6337, 33.4733, 41.5392



37.7123, 33.4733, 49.0982



38.9186, 33.4733, 31.7885

Sweetspot

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



26.5685, 33.4747, 26.1805



59.6967, 66.2767, 65.7572



32.8644, 36.7357, 25.7811



13.2571, 14.7824, 14.5539



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.5685, 33.4747, 26.1805



45.3540, 59.3732, 42.9303



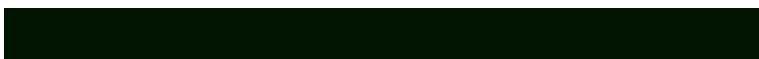
27.9562, 34.0298, 33.4879



7.4522, 8.4139, 8.1012



10.6169, 21.1655, 3.7493



0.2632, 0.5169, 0.1167

Inverse Universe

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



30.1471, 26.2265, 38.5969



52.9022, 44.0830, 69.1182



28.5647, 25.5936, 30.2640



7.8246, 7.6597, 9.3936



16.9369, 8.1835, 25.5428



0.4170, 0.2011, 0.6476

Previews

White Background



This preview shows how the XYZ color 26.5676, 33.4733, 26.1798 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 26.5676, 33.4733, 26.1798 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 26.5676, 33.4733, 26.1798

Background



This preview shows how black text looks on a background with the XYZ color 26.5676, 33.4733, 26.1798.



This preview shows how white text looks on a background with the XYZ color 26.5676, 33.4733,

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

26.5676, 33.4733, 26.1798

Protanopia

31.3160, 33.3646, 24.1915

Deuteranopia

33.7304, 33.0899, 26.7995



Tritanopia

30.2670, 33.3930, 44.3854

Trichromacy



Original Color

26.5676, 33.4733, 26.1798

Protanomaly

29.3505, 33.3493, 24.9688

Deuteranomaly

30.5505, 32.9165, 26.5731

Tritanomaly

28.6790, 33.2615, 36.8069

Monochromacy



Original Color

26.5676, 33.4733, 26.1798

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.1741, 31.5997, 30.6010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5676, 33.4733, 26.1798 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(128, 166, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 166, 130)  
}
```

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(128, 166, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.5676, 33.4733, 26.1798 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(128, 166, 130) }
```


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

```
.border{ border-color:rgb(128, 166, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 166, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 166, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 166, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 166,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5676, 33.4733, 26.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 166, 130) }
```

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

```
.background{ background-color: rgb(128,  
166, 130) }
```

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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