

Converting Colors

XYZ(26.5583, 33.9821, 18.6193)

Have a look what the booklet for
XYZ(26.5583, 33.9821, 18.6193)
contains.

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Color

**XYZ(26.5219, 33.8916,
18.5085)**

Conversions

Conversions Part 1

Format	Color
Hex	88A769
RGB	136, 167, 105
RGB Percent	53%, 65%, 41%
CMY	0.4667, 0.3451, 0.5882
CMYK	0.19, 0.00, 0.37, 0.35
HSL	90°, 26%, 53%
HSV	90°, 37%, 65%
XYZ	26.5219, 33.8916, 18.5085
YIQ	150.6630, 1.4260, -25.8540

Conversions

Conversions Part 2

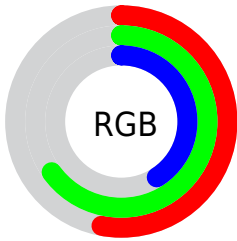
Format	Color
RYB	105, 167, 136
Decimal	8955753
CIELab	64.88, -21.87, 28.65
CIElCh	65, 36.047, 127.358
Yxy	33.8916, 0.3361, 0.4294
Android (android.graphics.Color)	4287145833 (0xFF88A769)
YUV	150.6630, -22.5119, -12.8595
Hunter-Lab	58.2165, -20.5590, 21.9017

Details

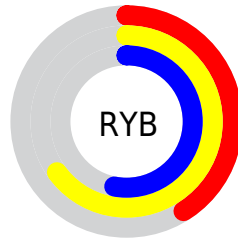
The XYZ color **26.5219, 33.8916, 18.5085** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1813, 18.1284, 38.8911**, and the grayscale version is **29.3648, 30.8941, 33.6437**.

A 20% lighter version of the original color is **53.4423, 65.6240, 41.7483**, and **10.6156, 14.4882, 6.1079** is the 20% darker color. If you saturate the color by 10%, you get **24.4429, 32.9105, 14.3622**, and if you desaturate by 10%, it is **28.8769, 34.9976, 23.5490**.

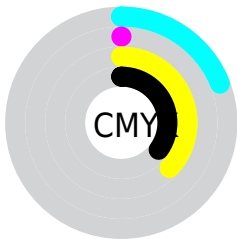
Distribution



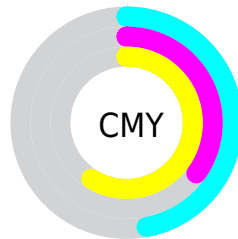
- Red (53%)
- Green (65%)
- Blue (41%)



- Red (41%)
- Yellow (65%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)





- Cyan (47%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5219, 33.8916, 18.5085 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 26.5219, 33.8916, 18.5085 by changing the saturation by 10% instead.


 26.5219, 33.8916,
18.5085


 26.5219, 33.8916,
18.5085


277.5447,
319.6484, 256.0535


 17.3492, 22.8103,
11.1425


 53.5410, 65.7651,
41.7275


 10.5806, 14.4535,
6.0474


 72.1182, 87.3261,
58.4175

 5.8508, 8.4368,
2.8047


 94.5609, 113.1491,
79.0527

 2.7944, 4.3757,
0.9958

 121.2344,
143.6185, 104.0514

 1.0460, 1.8859,
0.0000

152.5042,
179.1188, 133.8323

 0.0000, 0.5399,
0.0000

188.7357,

 0.0000, 0.0000,

220.0343, 168.8139

0.0000

230.2940,
266.7493, 209.4148

■ 26.5219, 33.8916,
18.5085

■ 26.5219, 33.8916,
18.5085

■ 24.4429, 32.9105,
14.3622

■ 28.8769, 34.9976,
23.5490

■ 22.6250, 32.0446,
11.0557

■ 31.5168, 36.2289,
29.5296

■ 21.0557, 31.2899,
8.5318

■ 34.4531, 37.5914,
36.4957

■ 19.7200, 30.6399,
6.7255

■ 37.6959, 39.0896,
44.4891

■ 18.6009, 30.0876,
5.5611

■ 41.2548, 40.7274,
53.5490

■ 17.6739, 29.6228,
4.9241

■ 45.1388, 42.5088,
63.7129

■ 17.4306, 29.5005,
4.7755

■ 49.3568, 44.4374,
75.0161

■ 53.9172, 46.5169,
87.4926

■ 58.7786, 48.7310,
100.9158

Harmonies

Analogous

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



30.9501, 33.8916, 15.1742



26.5219, 33.8916, 18.5085



23.8425, 33.8916, 26.9449

Triad

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



26.5219, 33.8916, 18.5085



28.5171, 33.8916, 70.1179



43.1745, 33.8916, 33.3570

Complementary

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



26.5219, 33.8916, 18.5085



22.1813, 18.1284, 38.8911

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.



42.3437, 33.8916, 49.0523



26.5219, 33.8916, 18.5085



33.5097, 33.8916, 73.1837

Square

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



26.5219, 33.8916, 18.5085



24.9051, 33.8916, 57.1341



38.6649, 33.8916, 64.6441



40.8265, 33.8916, 22.1182

Rectangle

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



26.5219, 33.8916, 18.5085



23.2264, 33.8916, 35.5987



38.6649, 33.8916, 64.6441



43.2617, 33.8916, 38.2371

Sweetspot

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



26.5228, 33.8931, 18.5092



59.4932, 66.2977, 60.0591



27.2916, 26.8450, 17.1083



13.1607, 14.7653, 13.0773



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.



26.5228, 33.8931, 18.5092



44.2347, 59.1563, 26.6066



22.1952, 31.6622, 18.3067



7.7807, 8.5850, 8.0363



13.3940, 22.6021, 3.6567



0.3849, 0.5804, 0.0917

Inverse Universe

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



22.1813, 18.1284, 38.8911



35.2592, 26.5642, 68.7443



27.9643, 21.1096, 39.1617



7.4758, 7.4779, 9.4677



8.1580, 3.5890, 28.2383



0.2575, 0.1178, 0.6898

Previews

White Background



This preview shows how the XYZ color 26.5219, 33.8916, 18.5085 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 26.5219, 33.8916, 18.5085 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 26.5219, 33.8916, 18.5085

Background



This preview shows how black text looks on a background with the XYZ color 26.5219, 33.8916, 18.5085.



This preview shows how white text looks on a background with the XYZ color 26.5219, 33.8916,

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

26.5219, 33.8916, 18.5085

Protanopia

31.2005, 33.7115, 17.1744

Deuteranopia

34.1602, 33.4816, 19.1302



Tritanopia

31.6986, 33.8858, 43.8996

Trichromacy



Original Color

26.5219, 33.8916, 18.5085

Protanomaly

29.2437, 33.7181, 17.5373

Deuteranomaly

30.7437, 33.1845, 18.9722

Tritanomaly

29.4210, 33.7296, 32.9768

Monochromacy



Original Color

26.5219, 33.8916, 18.5085

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.2141, 31.9462, 27.2334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5219, 33.8916, 18.5085 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(136, 167, 105)` looks like.

```
.text, #text, p{  
    color:rgb(136, 167, 105)  
}
```

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(136, 167, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 167, 105) }
```

Border

The CSS property to change the border of an element to XYZ 26.5219, 33.8916, 18.5085 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(136, 167, 105) }
```


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

```
.border{ border-color:rgb(136, 167, 105) }
```

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

Here you see how a box with a 4 pixel rgb(136, 167, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 167, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 167, 105);  
box-shadow:4px 4px 4px 4px rgb(136, 167,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5219, 33.8916, 18.5085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 167, 105) }
```

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

```
.background{ background-color: rgb(136,  
167, 105) }
```

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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