

Converting Colors

XYZ(26.6488, 35.8883, 19.9906)

Have a look what the booklet for
XYZ(26.6488, 35.8883, 19.9906)
contains.

XYZ(26.6488, 35.8883, 19.9906)	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(26.6488, 35.8883,
19.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	7FAE6D
RGB	127, 174, 109
RGB Percent	50%, 68%, 43%
CMY	0.5020, 0.3176, 0.5725
CMYK	0.27, 0.00, 0.37, 0.32
HSL	103°, 29%, 55%
HSV	103°, 37%, 68%
XYZ	26.6488, 35.8883, 19.9906
YIQ	152.5370, -7.1470, -30.1790

Conversions

Conversions Part 2

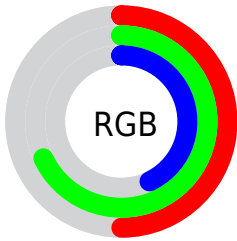
Format	Color
RYB	109, 174, 156
Decimal	8367725
CIELab	66.43, -28.07, 28.46
CIELCh	66, 39.970, 134.606
Yxy	35.8883, 0.3229, 0.4349
Android (android.graphics.Color)	4286557805 (0xFF7FAE6D)
YUV	152.5370, -21.4637, -22.3959
Hunter-Lab	59.9068, -25.4335, 22.1500

Details

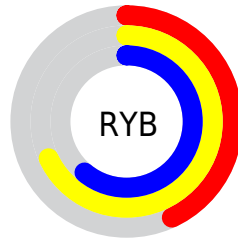
The XYZ color **26.6488, 35.8883, 19.9906** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.8205, 21.0623, 42.6982**, and the grayscale version is **30.1704, 31.7416, 34.5666**.

A 20% lighter version of the original color is **53.7859, 68.9906, 44.1999**, and **10.6335, 15.5375, 6.7136** is the 20% darker color. If you saturate the color by 10%, you get **24.0452, 34.6449, 15.4539**, and if you desaturate by 10%, it is **29.6738, 37.3297, 25.5164**.

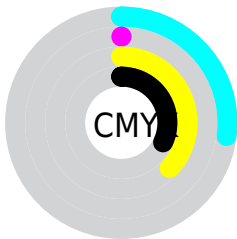
Distribution



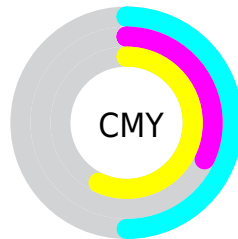
- Red (50%)
- Green (68%)
- Blue (43%)



- Red (43%)
- Yellow (68%)
- Blue (61%)



- Cyan (27%)
- Magenta (0%)
- Yellow (37%)
- Black (32%)





- Cyan (50%)
- Magenta (32%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6488, 35.8883, 19.9906 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 26.6488, 35.8883, 19.9906 by changing the saturation by 10% instead.


 26.6488, 35.8883,
19.9906


 26.6488, 35.8883,
19.9906


278.1513,
328.4721, 264.4668


 17.4449, 24.3479,
12.2042


 53.7437, 68.8596,
44.2602


 10.6494, 15.5919,
6.7587


 72.3653, 91.0594,
61.5805

 5.8972, 9.2359,
3.2355


 94.8569, 117.5811,
82.9158

 2.8227, 4.8953,
1.2161

 121.5837,
148.8090, 108.6846

 1.0607, 2.1860,
0.0000

152.9113,
185.1277, 139.3057

 0.0000, 0.7123,
0.0000

189.2048,

 0.0000, 0.0000,

226.9216, 175.1973

0.0000

230.8297,
274.5749, 216.7782

■ 26.6488, 35.8883,
19.9906

■ 26.6488, 35.8883,
19.9906

■ 24.0452, 34.6449,
15.4539

■ 29.6738, 37.3297,
25.5164

■ 21.8405, 33.5859,
11.8458

■ 33.1356, 38.9725,
32.0826

■ 20.0146, 32.7034,
9.1024


■ 37.0523, 40.8263,
39.7396


■ 18.5438, 31.9869,
7.1512


■ 41.4401, 42.8981,
48.5339


■ 17.4018, 31.4245,
5.9074


■ 46.3143, 45.1951,
58.5094


 16.5529, 31.0007,
5.2434

 51.6896, 47.7239,
69.7074

 16.3643, 30.9064,
5.1030

 57.5799, 50.4908,
82.1676

 63.9988, 53.5019,
95.9276

 69.2040, 56.0612,
101.7812

Harmonies

Analogous

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



31.2894, 35.8883, 15.0681



26.6488, 35.8883, 19.9906



24.1725, 35.8883, 30.9620

Triad

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



26.6488, 35.8883, 19.9906



31.1454, 35.8883, 80.2585



46.5067, 35.8883, 31.3382

Complementary

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



26.6488, 35.8883, 19.9906



26.8205, 21.0623, 42.6982

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.



46.4564, 35.8883, 48.4971



26.6488, 35.8883, 19.9906



37.0968, 35.8883, 80.4481

Square

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



26.6488, 35.8883, 19.9906



26.5540, 35.8883, 67.1004



42.8498, 35.8883, 67.5608



42.9802, 35.8883, 20.1962

Rectangle

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



26.6488, 35.8883, 19.9906



23.8750, 35.8883, 41.7841



42.8498, 35.8883, 67.5608



46.9197, 35.8883, 36.4880

Sweetspot

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



26.6497, 35.8898, 19.9914



64.3800, 72.7148, 66.5103



32.0361, 33.7417, 19.2929



14.0990, 16.0622, 14.3714



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.6497, 35.8898, 19.9914



44.3017, 63.1691, 29.2005



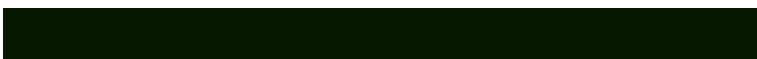
25.0242, 34.9571, 24.1955



8.1049, 9.0427, 8.5316



11.9192, 22.4417, 3.7035



0.3849, 0.6518, 0.1055

Inverse Universe

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



26.8205, 21.0623, 42.6982



44.6355, 32.2628, 76.5117



29.2634, 22.4721, 36.0163



8.1176, 8.0349, 10.0757



11.8224, 5.4545, 29.4742



0.3781, 0.1771, 0.8222

Previews

White Background



This preview shows how the XYZ color 26.6488, 35.8883, 19.9906 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 26.6488, 35.8883, 19.9906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

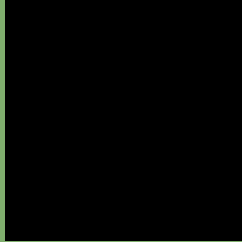
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6488, 35.8883, 19.9906

Background



This preview shows how black text looks on a background with the XYZ color 26.6488, 35.8883, 19.9906.



This preview shows how white text looks on a background with the XYZ color 26.6488, 35.8883,

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

26.6488, 35.8883, 19.9906

Protanopia

32.9228, 35.6032, 18.2336

Deuteranopia

36.2745, 35.5099, 20.5650



Tritanopia

32.2541, 35.9304, 47.8831

Trichromacy



Original Color

26.6488, 35.8883, 19.9906

Protanomaly

30.3383, 35.5821, 18.9047

Deuteranomaly

31.8179, 34.9844, 20.4049

Tritanomaly

29.8522, 35.7774, 35.9042

Monochromacy



Original Color

26.6488, 35.8883, 19.9906

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.7618, 33.2252, 28.5641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6488, 35.8883, 19.9906 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, 174, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 174, 109)  
}
```

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, 174, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 174, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.6488, 35.8883, 19.9906 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, 174, 109) }
```


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

```
.border{ border-color:rgb(127, 174, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 174, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 174, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 174, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 174,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6488, 35.8883, 19.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 174, 109) }
```

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

```
.background{ background-color: rgb(127,  
174, 109) }
```

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