

Converting Colors

XYZ(26.5561, 26.5500, 15.4237)

Have a look what the booklet for
XYZ(26.5561, 26.5500, 15.4237)
contains.

XYZ(26.5733, 26.5085, 15.5205)	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(26.5733, 26.5085,
15.5205)**

Conversions

Conversions Part 1

Format	Color
Hex	A58863
RGB	165, 136, 99
RGB Percent	65%, 53%, 39%
CMY	0.3529, 0.4666, 0.6118
CMYK	0.00, 0.18, 0.40, 0.35
HSL	34°, 27%, 52%
HSV	34°, 40%, 65%
XYZ	26.5733, 26.5085, 15.5205
YIQ	140.4530, 29.1610, -5.3590

Conversions

Conversions Part 2

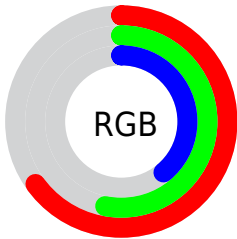
Format	Color
RYB	151, 165, 99
Decimal	10848355
CIELab	58.52, 5.75, 24.00
CIELCh	59, 24.681, 76.526
Yxy	26.5085, 0.3874, 0.3864
Android (android.graphics.Color)	4289038435 (0xFFA58863)
YUV	140.4530, -20.4363, 21.5277
Hunter-Lab	51.4864, 2.0267, 18.1676

Details

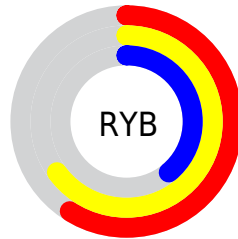
The XYZ color **26.5733, 26.5085, 15.5205** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6560, 20.8068, 38.5773**, and the grayscale version is **25.1734, 26.4843, 28.8414**.

A 20% lighter version of the original color is **53.5214, 53.9694, 36.4504**, and **10.6297, 10.3483, 4.6860** is the 20% darker color. If you saturate the color by 10%, you get **24.8772, 24.2523, 11.4531**, and if you desaturate by 10%, it is **28.5010, 28.9698, 20.4609**.

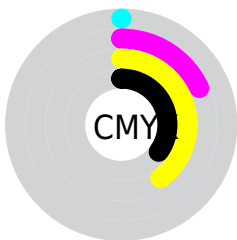
Distribution



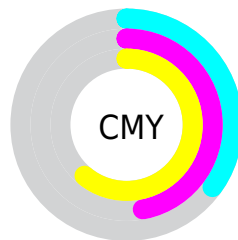
- Red (65%)
- Green (53%)
- Blue (39%)



- Red (59%)
- Yellow (65%)
- Blue (39%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5733, 26.5085, 15.5205 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 26.5733, 26.5085, 15.5205 by changing the saturation by 10% instead.

■ 26.5733, 26.5085,
15.5205

■ 26.5733, 26.5085,
15.5205

277.7905,
285.2694, 238.2437

■ 17.3879, 17.2044,
9.0348

■ 53.6231, 54.0942,
36.5189

■ 10.6085, 10.3804,
4.6668

■ 72.2183, 73.1445,
51.8687

■ 5.8696, 5.6519,
1.9978

■ 94.6808, 96.2125,
71.0102

■ 2.8058, 2.6346,
0.5539

■ 121.3760,
123.6824, 94.3621

■ 1.0519, 0.9441,
0.0000

152.6692,
155.9386, 122.3429

■ 0.0000, 0.0000,
0.0000

188.9258,

193.3656, 155.3710

230.5111,
236.3478, 193.8651

■ 26.5733, 26.5085,
15.5205

■ 26.5733, 26.5085,
15.5205

■ 24.8772, 24.2523,
11.4531

■ 28.5010, 28.9698,
20.4609

■ 23.3995, 22.1908,
8.2045

■ 30.6686, 31.6387,
26.3208

■ 22.1284, 20.3181,
5.7170

■ 33.0866, 34.5223,
33.1451

■ 21.0501, 18.6263,
3.9247

■ 35.7638, 37.6264,
40.9756

■ 20.1484, 17.1065,
2.7500

■ 38.7091, 40.9562,
49.8514

■ 19.3885, 15.7423,
2.0167

■ 41.9303, 44.5169,
59.8095

■ 19.3884, 15.7422,
2.0167

■ 45.4355, 48.3135,
70.8852

■ 49.2319, 52.3508,
83.1121

■ 53.3268, 56.6335,
96.5224

Harmonies

Analogous

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



29.4068, 26.5085, 18.3965



26.5733, 26.5085, 15.5205



23.5792, 26.5085, 15.6726

Triad

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



26.5733, 26.5085, 15.5205



20.0273, 26.5085, 33.8581



29.6499, 26.5085, 41.8877

Complementary

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



26.5733, 26.5085, 15.5205



19.6560, 20.8068, 38.5773

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.



26.8841, 26.5085, 47.9280



26.5733, 26.5085, 15.5205



21.4068, 26.5085, 42.6957

Square

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



26.5733, 26.5085, 15.5205



19.9587, 26.5085, 25.1582



23.8662, 26.5085, 48.2502



31.2766, 26.5085, 32.9153

Rectangle

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



26.5733, 26.5085, 15.5205



21.8942, 26.5085, 17.4533



23.8662, 26.5085, 48.2502



28.8131, 26.5085, 44.4004

Sweetspot

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



26.5740, 26.5097, 15.5210



58.2547, 60.6467, 56.4934



23.9215, 18.5003, 22.9748



12.6183, 13.1196, 12.0168



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.



26.5740, 26.5097, 15.5210



44.8739, 43.8693, 21.2525



30.5466, 35.4610, 17.0394



7.3877, 7.7138, 7.4796



14.7180, 12.0100, 1.5424



0.3553, 0.3444, 0.0478

Inverse Universe

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



19.6560, 20.8068, 38.5773



30.7489, 32.2332, 68.3533



16.7672, 14.4830, 37.5089



6.9445, 7.3481, 8.9554



6.9632, 5.7059, 27.6641



0.1931, 0.2134, 0.5969

Previews

White Background



This preview shows how the XYZ color 26.5733, 26.5085, 15.5205 looks on a white background.

Color Contrast Check

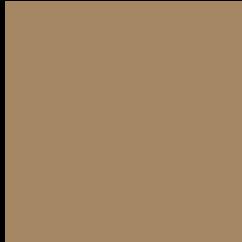
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5733, 26.5085, 15.5205 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 × Fail

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

XYZ 26.5733, 26.5085, 15.5205

Background



This preview shows how black text looks on a background with the XYZ color 26.5733, 26.5085, 15.5205.



This preview shows how white text looks on a background with the XYZ color 26.5733, 26.5085,

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

26.5733, 26.5085, 15.5205

Protanopia

24.8227, 26.6647, 16.1504

Deuteranopia

27.0646, 26.5536, 15.5033



Tritanopia

29.2862, 26.5907, 28.7883

Trichromacy



Original Color

26.5733, 26.5085, 15.5205

Protanomaly

25.4375, 26.5534, 15.8412

Deuteranomaly

26.8525, 26.4443, 15.4934

Tritanomaly

28.3019, 26.6062, 23.3825

Monochromacy



Original Color

26.5733, 26.5085, 15.5205

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3287, 26.3355, 23.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5733, 26.5085, 15.5205 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(165, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(165, 136, 99)  
}
```

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(165, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 136, 99) }
```

Border

The CSS property to change the border of an element to XYZ 26.5733, 26.5085, 15.5205 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(165, 136, 99) }
```


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

```
.border{ border-color:rgb(165, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(165, 136,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5733, 26.5085, 15.5205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 136, 99) }
```

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

```
.background{ background-color: rgb(165,  
136, 99) }
```

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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