

Converting Colors

XYZ(33.8999, 26.7349, 15.9682)

Have a look what the booklet for
XYZ(33.8999, 26.7349, 15.9682)
contains.

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Color

**XYZ(34.0535, 26.8953,
15.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7666
RGB	205, 118, 102
RGB Percent	80%, 46%, 40%
CMY	0.1961, 0.5372, 0.6000
CMYK	0.00, 0.42, 0.50, 0.20
HSL	9°, 51%, 60%
HSV	9°, 50%, 80%
XYZ	34.0535, 26.8953, 15.9669
YIQ	142.1890, 56.9880, 13.4680

Conversions

Conversions Part 2

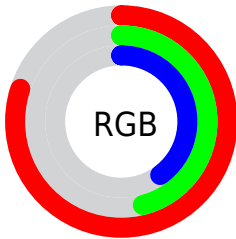
Format	Color
R_{YB}	205, 121, 102
Decimal	13465190
CIE _{Lab}	58.88, 32.38, 23.63
CIE _{LCh}	59, 40.083, 36.127
Yxy	26.8953, 0.4427, 0.3497
Android (android.graphics.Color)	4291655270 (0xFFCD7666)
YUV	142.1890, -19.8132, 55.0852
Hunter-Lab	51.8607, 26.4530, 18.0482

Details

The XYZ color **34.0535, 26.8953, 15.9669** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.6955, 43.6255, 64.3492**, and the grayscale version is **25.8469, 27.1929, 29.6131**.

A 20% lighter version of the original color is **61.5527, 52.6857, 37.0622**, and **14.7893, 10.6131, 4.8835** is the 20% darker color. If you saturate the color by 10%, you get **31.3046, 22.8283, 10.6399**, and if you desaturate by 10%, it is **37.4294, 31.8142, 22.7436**.

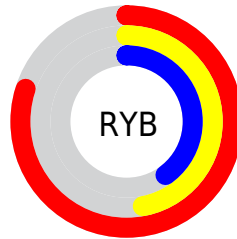
Distribution



Red (80%)

Green (46%)

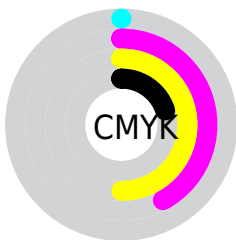
Blue (40%)



Red (80%)

Yellow (47%)

Blue (40%)

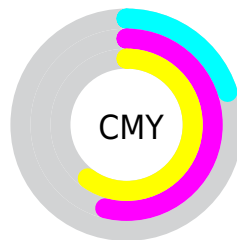


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (20%)



Cyan (20%)


Magenta (54%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0535, 26.8953, 15.9669 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 34.0535, 26.8953, 15.9669 by changing the saturation by 10% instead.


 34.0535, 26.8953,
15.9669


 34.0535, 26.8953,
15.9669


311.9523,
287.1498, 240.9854


 23.0978, 17.4946,
9.3466

 65.3606, 54.7158,
37.3067


 14.7868, 10.5878,
4.8681


 86.4427, 73.9044,
52.8634

 8.7552, 5.7904,
2.1127


 111.6309, 97.1245,
72.2359

 4.6377, 2.7180,
0.6233

 141.2907,
124.7603, 95.8428

 2.0689, 0.9864,
0.0000

175.7874,
157.1964, 124.1026

 0.6722, 0.0000,
0.0000

215.4863,

 0.0000, 0.0000,

194.8171, 157.4340

0.0000

260.7528,
238.0067, 196.2554

■ 34.0535, 26.8953,
15.9669

■ 34.0535, 26.8953,
15.9669

■ 31.3046, 22.8283,
10.6399

■ 37.4294, 31.8142,
22.7436

■ 29.1412, 19.5604,
6.6547

■ 41.4663, 37.6254,
31.0639

■ 27.5202, 17.0394,
3.8909

■ 46.1978, 44.3719,
41.0159

■ 26.3908, 15.2052,
2.2058

■ 51.6549, 52.0925,
52.6803

■ 25.6893, 14.0043,
1.3491

■ 57.8666, 60.8240,
66.1326

■ 64.8603, 70.6010,
81.4436

■ 72.6620, 81.4568,
98.6806

■ 78.9867, 91.7191,
108.1482

Harmonies

Analogous

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



36.2505, 26.8953, 26.4686



34.0535, 26.8953, 15.9669



29.6147, 26.8953, 10.7529

Triad

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



34.0535, 26.8953, 15.9669



17.8055, 26.8953, 19.5742



26.5932, 26.8953, 65.6392

Complementary

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



34.0535, 26.8953, 15.9669



34.6955, 43.6255, 64.3492

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.



21.8991, 26.8953, 61.9793



34.0535, 26.8953, 15.9669



17.2146, 26.8953, 32.2932

Square

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



34.0535, 26.8953, 15.9669



20.3490, 26.8953, 12.3159



18.6162, 26.8953, 48.4895



31.5996, 26.8953, 57.3031

Rectangle

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



34.0535, 26.8953, 15.9669



26.2119, 26.8953, 9.6298



18.6162, 26.8953, 48.4895



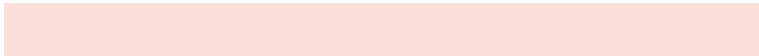
24.9252, 26.8953, 65.7995

Sweetspot

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



34.0542, 26.8967, 15.9674



80.0378, 78.8685, 76.4800



39.1733, 26.1801, 51.4462



16.7286, 16.3109, 15.5103



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.0542, 26.8967, 15.9674



51.0703, 37.0834, 17.0365



41.7537, 42.2958, 18.5339



11.3508, 11.4904, 11.6991



16.0375, 8.8080, 0.8548



0.8731, 0.5459, 0.0593

Inverse Universe

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



34.6955, 43.6255, 64.3492



52.1686, 67.3229, 104.8528



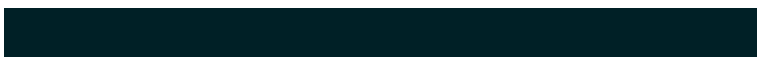
25.5947, 25.4241, 61.3156



11.3890, 12.4185, 14.3671



16.2373, 21.4985, 39.2501



0.8787, 1.1912, 2.0385

Previews

White Background



This preview shows how the XYZ color 34.0535, 26.8953, 15.9669 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 34.0535, 26.8953, 15.9669 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 34.0535, 26.8953, 15.9669

Background



This preview shows how black text looks on a background with the XYZ color 34.0535, 26.8953, 15.9669.



This preview shows how white text looks on a background with the XYZ color 34.0535, 26.8953,

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

34.0535, 26.8953, 15.9669

Protanopia

25.4161, 27.1176, 19.5174

Deuteranopia

27.6339, 27.0552, 15.5701



Tritanopia

35.4380, 26.9569, 22.0743

Trichromacy



Original Color

34.0535, 26.8953, 15.9669

Protanomaly

27.9424, 26.5371, 18.1174

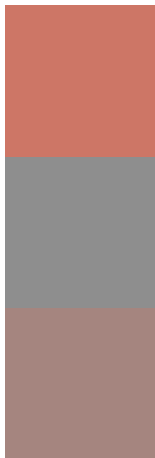
Deuteranomaly

29.6789, 26.6879, 15.6436

Tritanomaly

34.7935, 26.8504, 19.5685

Monochromacy



Original Color

34.0535, 26.8953, 15.9669

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.7353, 26.3067, 23.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0535, 26.8953, 15.9669 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(205, 118, 102)` looks like.

```
.text, #text, p{  
    color:rgb(205, 118, 102)  
}
```

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(205, 118, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 118, 102) }
```

Border

The CSS property to change the border of an element to XYZ 34.0535, 26.8953, 15.9669 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(205, 118, 102) }
```


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

```
.border{ border-color:rgb(205, 118, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 118, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 118, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 118, 102);  
box-shadow:4px 4px 4px 4px rgb(205, 118,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0535, 26.8953, 15.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 118, 102) }
```

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

```
.background{ background-color: rgb(205,  
118, 102) }
```

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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