

Converting Colors

XYZ(35.4152, 26.3315, 19.7389)

Have a look what the booklet for
XYZ(35.4152, 26.3315, 19.7389)
contains.

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Color

**XYZ(35.4152, 26.3315,
19.7389)**

Conversions

Conversions Part 1

Format	Color
Hex	D26F74
RGB	210, 111, 116
RGB Percent	82%, 44%, 45%
CMY	0.1765, 0.5647, 0.5451
CMYK	0.00, 0.47, 0.45, 0.18
HSL	357°, 52%, 63%
HSV	357°, 47%, 82%
XYZ	35.4152, 26.3315, 19.7389
YIQ	141.1710, 57.3990, 22.5430

Conversions

Conversions Part 2

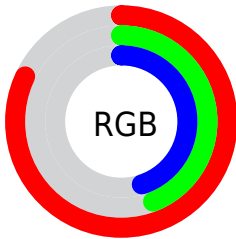
Format	Color
R_{YB}	210, 111, 116
Decimal	13791092
CIE Lab	58.35, 39.32, 15.00
CIE LCh	58, 42.081, 20.879
Yxy	26.3315, 0.4346, 0.3231
Android (android.graphics.Color)	4291981172 (0xFFD26F74)
YUV	141.1710, -12.4093, 60.3630
Hunter-Lab	51.3142, 33.3943, 13.1130

Details

The XYZ color **35.4152, 26.3315, 19.7389** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.6230, 53.8811, 66.0200**, and the grayscale version is **25.4167, 26.7403, 29.1202**.

A 20% lighter version of the original color is **61.7630, 50.9974, 43.6340**, and **15.6081, 10.3245, 6.6390** is the 20% darker color. If you saturate the color by 10%, you get **32.3491, 21.8607, 13.5955**, and if you desaturate by 10%, it is **39.2702, 31.9818, 27.3740**.

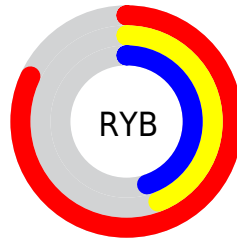
Distribution



Red (82%)

Green (44%)

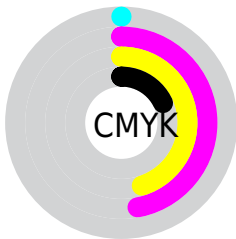
Blue (45%)



Red (82%)

Yellow (44%)

Blue (45%)

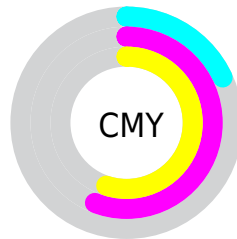


Cyan (0%)

Magenta (47%)

Yellow (45%)

Black (18%)



Cyan (18%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4152, 26.3315, 19.7389 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 35.4152, 26.3315, 19.7389 by changing the saturation by 10% instead.


 35.4152, 26.3315,
19.7389


 35.4152, 26.3315,
19.7389


317.8732,
284.4056, 263.0554


 24.1509, 17.0718,
12.0232


 67.4583, 53.8093,
43.8322


 15.5709, 10.2857,
6.6367


 88.9678, 72.7961,
61.0469

 9.3100, 5.5888,
3.1610


 114.6230, 95.7941,
82.2650

 5.0026, 2.5967,
1.1774

 144.7894,
123.1877, 107.9050

 2.2836, 0.9250,
0.0000

179.8322,
155.3613, 138.3855

 0.7862, 0.0000,
0.0000

220.1169,

 0.0000, 0.0000,

192.6992, 174.1251

0.0000

266.0088,
235.5858, 215.5422

■ 35.4152, 26.3315,
19.7389

■ 35.4152, 26.3315,
19.7389

■ 32.3491, 21.8607,
13.5955

■ 39.2702, 31.9818,
27.3740

■ 30.0155, 18.4821,
8.8448

■ 43.9613, 38.8824,
36.5881

■ 28.3537, 16.1033,
5.3783


■ 49.5345, 47.1037,
47.4633


■ 27.2925, 14.6146,
3.0707

■ 56.0316, 56.7094,
60.0759

■ 26.7393, 13.8703,
1.7699

■ 63.4921, 67.7591,
74.4972

 26.6364, 13.7249,
1.5497

 71.9529, 80.3090,
90.7946

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



36.0782, 26.3315, 33.3832



35.4152, 26.3315, 19.7389



31.7775, 26.3315, 11.8704

Triad

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



35.4152, 26.3315, 19.7389



18.1313, 26.3315, 14.2905



23.4968, 26.3315, 66.5611

Complementary

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



35.4152, 26.3315, 19.7389



40.6230, 53.8811, 66.0200

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.



19.3079, 26.3315, 56.6285



35.4152, 26.3315, 19.7389



16.5005, 26.3315, 24.4237

Square

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



35.4152, 26.3315, 19.7389



21.6754, 26.3315, 9.5536



16.8997, 26.3315, 39.9568



28.7080, 26.3315, 63.9705

Rectangle

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



35.4152, 26.3315, 19.7389



28.3976, 26.3315, 9.4119



16.8997, 26.3315, 39.9568



21.9348, 26.3315, 64.4779

Sweetspot

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



35.4159, 26.3329, 19.7394



79.7145, 77.3056, 79.1974



42.0557, 28.7762, 64.3105



16.6126, 15.8824, 16.0775



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.



35.4159, 26.3329, 19.7394



49.9881, 33.6204, 20.6792



40.9876, 37.9288, 20.2015



11.8326, 11.8178, 12.3941



16.2589, 8.3764, 1.0037



0.9178, 0.4718, 0.1018

Inverse Universe

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



35.4159, 26.3329, 19.7394



49.9881, 33.6204, 20.6792



32.0267, 35.7081, 66.1771



11.8326, 11.8178, 12.3941



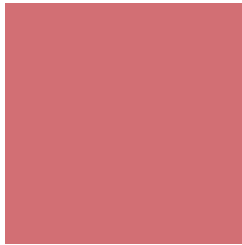
16.2589, 8.3764, 1.0037



0.9178, 0.4718, 0.1018

Previews

White Background



This preview shows how the XYZ color 35.4152, 26.3315, 19.7389 looks on a white background.

Color Contrast Check

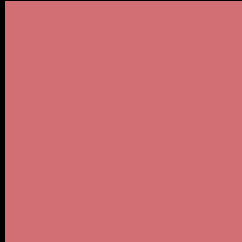
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4152, 26.3315, 19.7389 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 35.4152, 26.3315, 19.7389

Background



This preview shows how black text looks on a background with the XYZ color 35.4152, 26.3315, 19.7389.



This preview shows how white text looks on a background with the XYZ color 35.4152, 26.3315,

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

35.4152, 26.3315, 19.7389

Protanopia

25.3289, 26.5059, 25.2539

Deuteranopia

26.8984, 26.3903, 19.0054



Tritanopia

35.5926, 26.4024, 20.6730

Trichromacy



Original Color

35.4152, 26.3315, 19.7389

Protanomaly

27.9783, 25.6419, 23.2134

Deuteranomaly

29.4975, 25.9377, 19.0746

Tritanomaly

35.5328, 26.3785, 20.3583

Monochromacy



Original Color

35.4152, 26.3315, 19.7389

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8734, 25.7382, 25.3287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4152, 26.3315, 19.7389 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(210, 111, 116)` looks like.

```
.text, #text, p{  
    color:rgb(210, 111, 116)  
}
```

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(210, 111, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 111, 116) }
```

Border

The CSS property to change the border of an element to XYZ 35.4152, 26.3315, 19.7389 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(210, 111, 116) }
```


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

```
.border{ border-color:rgb(210, 111, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 111, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 111, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 111, 116);  
box-shadow:4px 4px 4px 4px rgb(210, 111,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4152, 26.3315, 19.7389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 111, 116) }
```

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

```
.background{ background-color: rgb(210,  
111, 116) }
```

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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