

Converting Colors

XYZ(35.5158, 26.4273, 15.8881)

Have a look what the booklet for
XYZ(35.5158, 26.4273, 15.8881)
contains.

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Color

**XYZ(35.5233, 26.4743,
15.8081)**

Conversions

Conversions Part 1

Format	Color
Hex	D56F66
RGB	213, 111, 102
RGB Percent	84%, 44%, 40%
CMY	0.1647, 0.5647, 0.6000
CMYK	0.00, 0.48, 0.52, 0.16
HSL	5°, 57%, 62%
HSV	5°, 52%, 84%
XYZ	35.5233, 26.4743, 15.8081
YIQ	140.4720, 63.6810, 18.8250

Conversions

Conversions Part 2

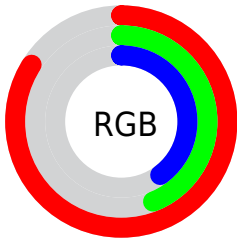
Format	Color
R_{YB}	213, 112, 102
Decimal	13987686
CIE Lab	58.48, 39.11, 23.31
CIE LCh	58, 45.523, 30.793
Yxy	26.4743, 0.4566, 0.3403
Android (android.graphics.Color)	4292177766 (0xFFD56F66)
YUV	140.4720, -18.9667, 63.6071
Hunter-Lab	51.4532, 33.1934, 17.8014

Details

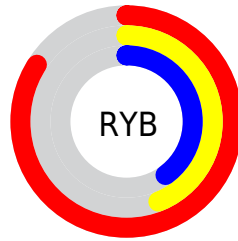
The XYZ color **35.5233, 26.4743, 15.8081** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.0813, 50.8119, 70.6985**, and the grayscale version is **25.1660, 26.4766, 28.8330**.

A 20% lighter version of the original color is **60.4449, 50.4702, 36.6929**, and **15.6319, 10.3776, 4.7936** is the 20% darker color. If you saturate the color by 10%, you get **32.6929, 22.2924, 10.3056**, and if you desaturate by 10%, it is **39.0943, 31.7032, 22.8966**.

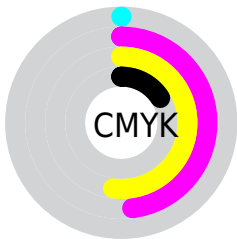
Distribution



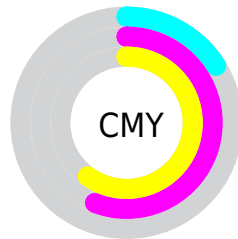
- Red (84%)
- Green (44%)
- Blue (40%)



- Red (84%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5233, 26.4743, 15.8081 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 35.5233, 26.4743, 15.8081 by changing the saturation by 10% instead.


 35.5233, 26.4743,
15.8081


 35.5233, 26.4743,
15.8081


318.3399,
285.1027, 240.0136


 24.2347, 17.1788,
9.2356


 67.6243, 54.0391,
37.0269

 15.6335, 10.3621,
4.7963


 89.1675, 73.0772,
52.5102

 9.3544, 5.6397,
2.0716


 114.8595, 96.1317,
71.8009

 5.0320, 2.6272,
0.5988

 145.0657,
123.5869, 95.3175

 2.3010, 0.9404,
0.0000

180.1515,
155.8272, 123.4785

 0.7952, 0.0000,
0.0000

220.4822,

 0.0000, 0.0000,

193.2370, 156.7025

0.0000

266.4232,
236.2007, 195.4080

■ 35.5233, 26.4743,
15.8081

■ 35.5233, 26.4743,
15.8081

■ 32.6929, 22.2924,
10.3056

■ 39.0943, 31.7032,
22.8966

■ 30.5489, 19.0830,
6.2657

■ 43.4509, 38.0388,
31.6790

■ 29.0330, 16.7687,
3.5487

■ 48.6370, 45.5409,
42.2555

■ 28.0762, 15.2581,
1.9875

■ 54.6925, 54.2643,
54.7179

■ 27.6453, 14.5558,
1.3525

■ 61.6549, 64.2599,
69.1518

■ 69.5594, 75.5760,
85.6377

■ 78.4393, 88.2581,
104.2513

■ 81.2505, 92.8861,
108.2542

Harmonies

Analogous

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



37.4550, 26.4743, 28.4037



35.5233, 26.4743, 15.8081



30.7558, 26.4743, 9.4936

Triad

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



35.5233, 26.4743, 15.8081



16.9286, 26.4743, 16.3058



25.3115, 26.4743, 71.6265

Complementary

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



35.5233, 26.4743, 15.8081



39.0813, 50.8119, 70.6985

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.



20.2930, 26.4743, 64.7170



35.5233, 26.4743, 15.8081



15.9059, 26.4743, 29.2525

Square

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



35.5233, 26.4743, 15.8081



20.0714, 26.4743, 9.6975



17.0427, 26.4743, 47.5399



31.0502, 26.4743, 63.9920

Rectangle

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



35.5233, 26.4743, 15.8081



26.9148, 26.4743, 7.9194



17.0427, 26.4743, 47.5399



23.4890, 26.4743, 70.9098

Sweetspot

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



35.5240, 26.4757, 15.8086



78.3477, 76.0144, 74.2952



43.2840, 28.0858, 61.2778



16.3652, 15.6875, 15.0699



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.



35.5240, 26.4757, 15.8086



48.5739, 32.6700, 14.4180



43.2760, 41.9797, 18.3926



12.5034, 12.5810, 12.9301



16.9171, 8.9514, 0.8362



1.0492, 0.5975, 0.0600

Inverse Universe

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



39.0813, 50.8119, 70.6985



54.4442, 73.1024, 105.8484



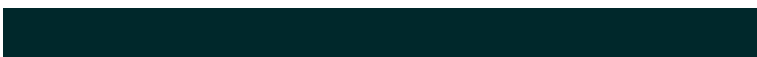
28.4122, 29.4737, 67.1422



12.7020, 13.9274, 15.9563



19.3915, 27.0447, 42.6513



1.1957, 1.6833, 2.5812

Previews

White Background



This preview shows how the XYZ color 35.5233, 26.4743, 15.8081 looks on a white background.

Color Contrast Check

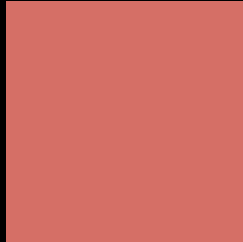
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5233, 26.4743, 15.8081 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 35.5233, 26.4743, 15.8081

Background



This preview shows how black text looks on a background with the XYZ color 35.5233, 26.4743, 15.8081.



This preview shows how white text looks on a background with the XYZ color 35.5233, 26.4743,

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

35.5233, 26.4743, 15.8081

Protanopia

25.0138, 26.6771, 20.0505

Deuteranopia

27.0170, 26.5346, 15.2530



Tritanopia

36.4111, 26.5178, 20.0290

Trichromacy



Original Color

35.5233, 26.4743, 15.8081

Protanomaly

27.8104, 25.8617, 18.2779

Deuteranomaly

29.4802, 26.0129, 15.2716

Tritanomaly

36.2321, 26.6179, 18.5574

Monochromacy



Original Color

35.5233, 26.4743, 15.8081

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.5525, 25.4224, 23.1935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5233, 26.4743, 15.8081 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(213, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(213, 111, 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(213, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 111, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.5233, 26.4743, 15.8081 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(213, 111, 102) }
```


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

```
.border{ border-color:rgb(213, 111, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 111, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(213, 111,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5233, 26.4743, 15.8081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 111, 102) }
```

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

```
.background{ background-color: rgb(213,  
111, 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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