

Converting Colors

XYZ(35.3110, 26.1507, 15.3115)

Have a look what the booklet for
XYZ(35.3110, 26.1507, 15.3115)
contains.

XYZ(35.3168, 26.2181, 15.2558)	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(35.3168, 26.2181,
15.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	D56E64
RGB	213, 110, 100
RGB Percent	84%, 43%, 39%
CMY	0.1647, 0.5686, 0.6078
CMYK	0.00, 0.48, 0.53, 0.16
HSL	5°, 57%, 61%
HSV	5°, 53%, 84%
XYZ	35.3168, 26.2181, 15.2558
YIQ	139.6570, 64.5980, 18.7260

Conversions

Conversions Part 2

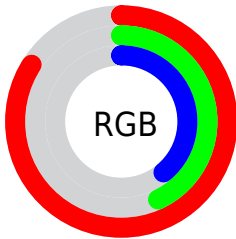
Format	Color
R_{YB}	213, 111, 100
Decimal	13987428
CIE Lab	58.24, 39.45, 24.13
CIE LCh	58, 46.240, 31.454
Yxy	26.2181, 0.4599, 0.3414
Android (android.graphics.Color)	4292177508 (0xFFD56E64)
YUV	139.6570, -19.5509, 64.3218
Hunter-Lab	51.2036, 33.5109, 18.1774

Details

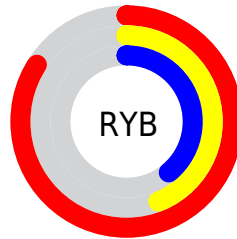
The XYZ color **35.3168, 26.2181, 15.2558** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.6205, 50.2227, 70.6091**, and the grayscale version is **24.8508, 26.1450, 28.4719**.

A 20% lighter version of the original color is **60.1014, 50.0453, 35.7702**, and **15.5330, 10.2550, 4.5289** is the 20% darker color. If you saturate the color by 10%, you get **32.5473, 22.1190, 9.8942**, and if you desaturate by 10%, it is **38.8160, 31.3455, 22.1905**.

Distribution



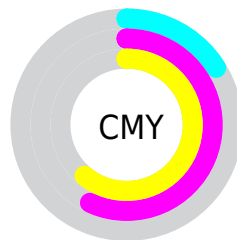
- Red (84%)
- Green (43%)
- Blue (39%)



- Red (84%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (16%)




- Cyan (16%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3168, 26.2181, 15.2558 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 35.3168, 26.2181, 15.2558 by changing the saturation by 10% instead.


 35.3168, 26.2181,
15.2558


 35.3168, 26.2181,
15.2558


317.4480,
283.8511, 236.6032


 24.0747, 16.9869,
8.8505


 67.3070, 53.6266,
36.0499

 15.5141, 10.2251,
4.5483


 88.7859, 72.5726,
51.2759

 9.2696, 5.5485,
1.9307


 114.4076, 95.5257,
70.2790

 4.9760, 2.5725,
0.5122

 144.5377,
122.8703, 93.4781

 2.2678, 0.9129,
0.0000

179.5414,
154.9907, 121.2915

 0.7781, 0.0000,
0.0000

219.7841,

 0.0000, 0.0000,

192.2714, 154.1377

0.0000

265.6312,
235.0967, 192.4355

■ 35.3168, 26.2181,
15.2558

■ 35.3168, 26.2181,
15.2558

■ 32.5473, 22.1190,
9.8942

■ 38.8160, 31.3455,
22.1905

■ 30.4537, 18.9747,
5.9810

■ 43.0895, 37.5597,
30.8071

■ 28.9780, 16.7091,
3.3750

■ 48.1810, 44.9199,
41.2061

■ 28.0513, 15.2320,
1.9061

■ 54.1299, 53.4797,
53.4799

■ 27.6710, 14.6071,
1.3610

■ 60.9734, 63.2894,
67.7145

■ 68.7464, 74.3963,
83.9905

■ 77.4818, 86.8453,
102.3841

■ 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.



37.3530, 26.2181, 27.7693



35.3168, 26.2181, 15.2558



30.4461, 26.2181, 9.0828

Triad

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



35.3168, 26.2181, 15.2558



16.5841, 26.2181, 16.1688



25.1946, 26.2181, 71.9856

Complementary

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



35.3168, 26.2181, 15.2558



38.6205, 50.2227, 70.6091

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.



20.1058, 26.2181, 65.2578



35.3168, 26.2181, 15.2558



15.6057, 26.2181, 29.3392

Square

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



35.3168, 26.2181, 15.2558



19.6972, 26.2181, 9.4535



16.7939, 26.2181, 47.9240



30.9918, 26.2181, 63.9051

Rectangle

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



35.3168, 26.2181, 15.2558



26.5595, 26.2181, 7.5814



16.7939, 26.2181, 47.9240



23.3485, 26.2181, 71.3694

Sweetspot

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



35.3174, 26.2195, 15.2563



78.4260, 76.1709, 74.3213



42.8469, 27.6003, 59.9341



16.3835, 15.7242, 15.0760



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.



35.3174, 26.2195, 15.2563



48.3429, 32.3890, 13.7832



43.3620, 42.3085, 17.9378



12.5108, 12.5958, 12.9325



16.9346, 8.9864, 0.8420



1.0527, 0.6045, 0.0612

Inverse Universe

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



38.6205, 50.2227, 70.6091



53.7658, 72.1293, 105.6963



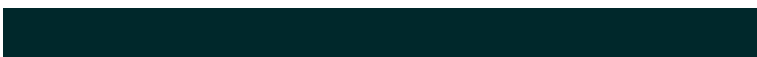
27.7126, 28.4070, 66.9732



12.6938, 13.9110, 15.9536



19.1783, 26.6184, 42.5802



1.1849, 1.6619, 2.5776

Previews

White Background



This preview shows how the XYZ color 35.3168, 26.2181, 15.2558 looks on a white background.

Color Contrast Check

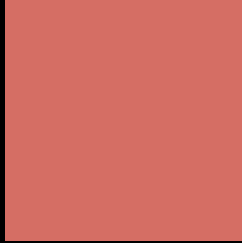
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3168, 26.2181, 15.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

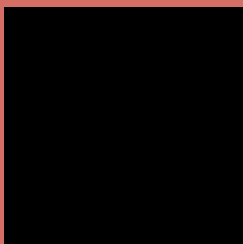
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.3168, 26.2181, 15.2558

Background



This preview shows how black text looks on a background with the XYZ color 35.3168, 26.2181, 15.2558.



This preview shows how white text looks on a background with the XYZ color 35.3168, 26.2181,

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

35.3168, 26.2181, 15.2558

Protanopia

24.7531, 26.3380, 19.4019

Deuteranopia

26.7849, 26.2196, 14.7155



Tritanopia

36.1886, 26.2591, 19.3808

Trichromacy



Original Color

35.3168, 26.2181, 15.2558

Protanomaly

27.5703, 25.5539, 17.6666

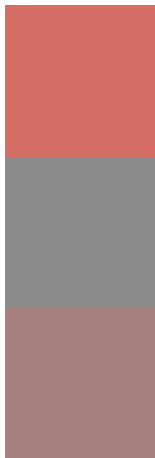
Deuteranomaly

29.2584, 25.7206, 14.7318

Tritanomaly

36.0147, 26.3592, 17.9415

Monochromacy



Original Color

35.3168, 26.2181, 15.2558

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.4883, 25.3967, 22.8553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3168, 26.2181, 15.2558 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, 110, 100)` looks like.

```
.text, #text, p{  
    color:rgb(213, 110, 100)  
}
```

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, 110, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 110, 100) }
```

Border

The CSS property to change the border of an element to XYZ 35.3168, 26.2181, 15.2558 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, 110, 100) }
```


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

```
.border{ border-color:rgb(213, 110, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 110, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 110, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 110, 100);  
box-shadow:4px 4px 4px 4px rgb(213, 110,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3168, 26.2181, 15.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 110, 100) }
```

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

```
.background{ background-color: rgb(213,  
110, 100) }
```

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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