

Converting Colors

XYZ(35.9259, 26.3438, 17.1291)

Have a look what the booklet for
XYZ(35.9259, 26.3438, 17.1291)
contains.

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Color

**XYZ(35.8540, 26.2950,
17.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	D66D6B
RGB	214, 109, 107
RGB Percent	84%, 43%, 42%
CMY	0.1608, 0.5725, 0.5804
CMYK	0.00, 0.49, 0.50, 0.16
HSL	1°, 57%, 63%
HSV	1°, 50%, 84%
XYZ	35.8540, 26.2950, 17.0956
YIQ	140.1670, 63.2220, 21.6380

Conversions

Conversions Part 2

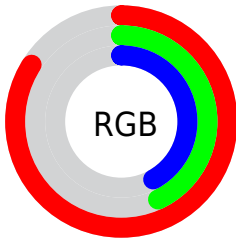
Format	Color
R_{YB}	214, 109, 107
Decimal	14052715
CIE _{Lab}	58.32, 40.95, 20.24
CIE _{LCh}	58, 45.673, 26.298
Yxy	26.2950, 0.4524, 0.3318
Android (android.graphics.Color)	4292242795 (0xFFD66D6B)
YUV	140.1670, -16.3513, 64.7515
Hunter-Lab	51.2787, 35.0694, 16.1286

Details

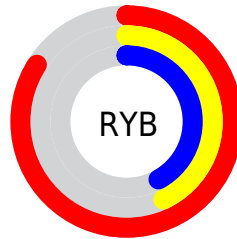
The XYZ color **35.8540, 26.2950, 17.0956** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.7428, 55.0644, 72.0464**, and the grayscale version is **25.0374, 26.3413, 28.6856**.

A 20% lighter version of the original color is **60.5087, 49.9230, 38.7947**, and **15.7963, 10.2211, 5.4153** is the 20% darker color. If you saturate the color by 10%, you get **32.8855, 21.9423, 11.2220**, and if you desaturate by 10%, it is **39.6375, 31.8319, 24.6157**.

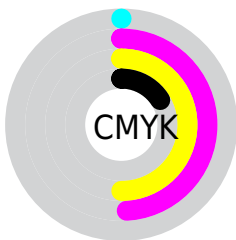
Distribution



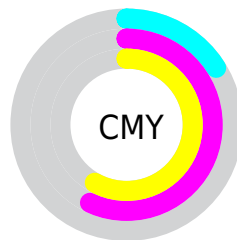
- Red (84%)
- Green (43%)
- Blue (42%)



- Red (84%)
- Yellow (43%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (57%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8540, 26.2950, 17.0956 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 35.8540, 26.2950, 17.0956 by changing the saturation by 10% instead.


 35.8540, 26.2950,
17.0956


 35.8540, 26.2950,
17.0956


319.7643,
284.2272, 247.7853


 24.4910, 17.0445,
10.1400


 68.1320, 53.7505,
39.2830

 15.8250, 10.2662,
5.3851


 89.7778, 72.7242,
55.3518

 9.4905, 5.5758,
2.4123


 115.5818, 95.7078,
75.2955

 5.1221, 2.5889,
0.7931

 145.9096,
123.0856, 99.5326

 2.3546, 0.9211,
0.0000

181.1263,
155.2421, 128.4815

 0.8224, 0.0000,
0.0000

221.5975,

 0.0000, 0.0000,

192.5615, 162.5609

0.0000

267.6884,
235.4285, 202.1893

■ 35.8540, 26.2950,
17.0956

■ 35.8540, 26.2950,
17.0956

■ 32.8855, 21.9423,
11.2220

■ 39.6375, 31.8319,
24.6157

■ 30.6703, 18.6840,
6.8704

■ 44.2877, 38.6263,
33.8915

■ 29.1412, 16.4239,
3.9006


■ 49.8543, 46.7502,
45.0245


■ 28.2184, 15.0475,
2.1463


■ 56.3829, 56.2692,
58.1081

■ 27.7750, 14.3832,
1.3124

■ 63.9157, 67.2445,
73.2294

 27.7749, 14.3832,
1.3123

 72.4928, 79.7336,
90.4702

 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



37.2508, 26.2950, 30.6534



35.8540, 26.2950, 17.0956



31.4062, 26.2950, 9.9663

Triad

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



35.8540, 26.2950, 17.0956



17.1120, 26.2950, 14.7809



24.3087, 26.2950, 71.3407

Complementary

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



35.8540, 26.2950, 17.0956



41.7428, 55.0644, 72.0464

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.



19.5176, 26.2950, 62.4024



35.8540, 26.2950, 17.0956



15.7703, 26.2950, 26.6992

Square

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



35.8540, 26.2950, 17.0956



20.5491, 26.2950, 9.0197



16.5814, 26.2950, 44.4504



30.0345, 26.2950, 65.7847

Rectangle

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



35.8540, 26.2950, 17.0956



27.6114, 26.2950, 7.9973



16.5814, 26.2950, 44.4504



22.5449, 26.2950, 69.8669

Sweetspot

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



35.8547, 26.2964, 17.0961



78.6653, 76.1237, 76.0225



44.9001, 29.5760, 65.7726



16.4034, 15.6603, 15.4019



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.



35.8547, 26.2964, 17.0961



48.6765, 32.2957, 16.2385



43.3556, 41.2982, 19.5964



12.4417, 12.4577, 12.9095



16.7967, 8.7106, 0.7960



1.0198, 0.5388, 0.0503

Inverse Universe

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



41.7428, 55.0644, 72.0464



58.3811, 79.7481, 106.9236



30.5505, 32.6798, 68.3156



12.7713, 14.0660, 15.9794



21.2739, 30.8095, 43.2787



1.2896, 1.8713, 2.6125

Previews

White Background



This preview shows how the XYZ color 35.8540, 26.2950, 17.0956 looks on a white background.

Color Contrast Check

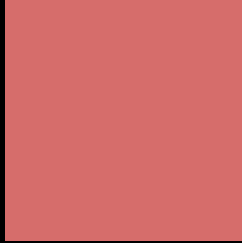
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8540, 26.2950, 17.0956 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 35.8540, 26.2950, 17.0956

Background



This preview shows how black text looks on a background with the XYZ color 35.8540, 26.2950, 17.0956.



This preview shows how white text looks on a background with the XYZ color 35.8540, 26.2950,

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

35.8540, 26.2950, 17.0956

Protanopia

25.1037, 26.4572, 22.1960

Deuteranopia

27.0485, 26.5227, 16.5257



Tritanopia

36.4814, 26.4100, 19.3945

Trichromacy



Original Color

35.8540, 26.2950, 17.0956

Protanomaly

28.0744, 25.7555, 20.3213

Deuteranomaly

29.7267, 26.1115, 16.5700

Tritanomaly

36.3115, 26.3420, 18.4999

Monochromacy



Original Color

35.8540, 26.2950, 17.0956

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.6829, 25.4745, 23.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8540, 26.2950, 17.0956 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(214, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 107)  
}
```

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(214, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 107) }
```

Border

The CSS property to change the border of an element to XYZ 35.8540, 26.2950, 17.0956 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(214, 109, 107) }
```


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

```
.border{ border-color:rgb(214, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8540, 26.2950, 17.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 107) }
```

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

```
.background{ background-color: rgb(214,  
109, 107) }
```

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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