

Converting Colors

XYZ(35.4897, 25.9619, 17.3473)

Have a look what the booklet for
XYZ(35.4897, 25.9619, 17.3473)
contains.

XYZ(35.5099, 25.9540, 17.3254)	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(35.5099, 25.9540,
17.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	D56C6C
RGB	213, 108, 108
RGB Percent	84%, 42%, 42%
CMY	0.1647, 0.5764, 0.5765
CMYK	0.00, 0.49, 0.49, 0.16
HSL	0°, 56%, 63%
HSV	0°, 49%, 84%
XYZ	35.5099, 25.9540, 17.3254
YIQ	139.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

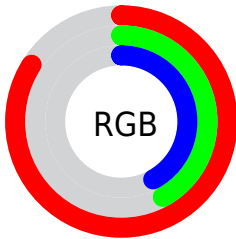
Format	Color
RYB	213, 108, 108
Decimal	13986924
CIELab	57.99, 41.18, 19.20
CIElCh	58, 45.433, 24.996
Yxy	25.9540, 0.4507, 0.3294
Android (android.graphics.Color)	4292177004 (0xFFD56C6C)
YUV	139.3950, -15.4777, 64.5516
Hunter-Lab	50.9451, 35.2648, 15.4982

Details

The XYZ color **35.5099, 25.9540, 17.3254** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.9873, 55.5776, 71.4651**, and the grayscale version is **24.7347, 26.0228, 28.3389**.

A 20% lighter version of the original color is **60.4183, 49.6039, 39.1910**, and **15.5829, 10.0353, 5.5306** is the 20% darker color. If you saturate the color by 10%, you get **32.5332, 21.5985, 11.4071**, and if you desaturate by 10%, it is **39.3135, 31.5202, 24.8858**.

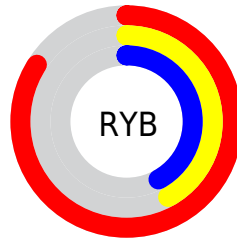
Distribution



Red (84%)

Green (42%)

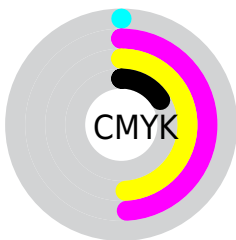
Blue (42%)



Red (84%)

Yellow (42%)

Blue (42%)

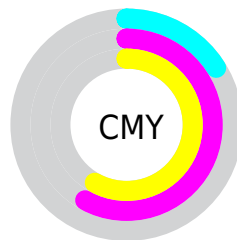


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (16%)



Cyan (16%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5099, 25.9540, 17.3254 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 35.5099, 25.9540, 17.3254 by changing the saturation by 10% instead.


 35.5099, 25.9540,
17.3254


 35.5099, 25.9540,
17.3254


318.2820,
282.5562, 249.1478

 24.2243, 16.7892,
10.3024


 67.6038, 53.2007,
39.6827


 15.6257, 10.0843,
5.4917


 89.1427, 72.0515,
55.8540

 9.3488, 5.4549,
2.4748


 114.8302, 94.8997,
75.9119

 5.0283, 2.5166,
0.8268

 145.0314,
122.1297, 100.2748

 2.2988, 0.8849,
0.0000

180.1119,
154.1260, 129.3613

 0.7941, 0.0000,
0.0000

220.4369,

 0.0000, 0.0000,

191.2729, 163.5899

0.0000

266.3718,
233.9548, 203.3792

■ 35.5099, 25.9540,
17.3254

■ 35.5099, 25.9540,
17.3254

■ 32.5332, 21.5985,
11.4071

■ 39.3135, 31.5202,
24.8858

■ 30.3201, 18.3601,
7.0080

■ 43.9970, 38.3735,
34.1964

■ 28.8018, 16.1383,
3.9898


■ 49.6114, 46.5890,
45.3575


■ 27.8958, 14.8125,
2.1890


■ 56.2031, 56.2345,
58.4617

■ 27.4651, 14.1822,
1.3330

■ 63.8156, 67.3736,
73.5951

 27.4406, 14.1463,
1.2842

 72.4895, 80.0660,
90.8388

 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.



36.7312, 25.9540, 30.9758



35.5099, 25.9540, 17.3254



31.2235, 25.9540, 10.0417

Triad

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



35.5099, 25.9540, 17.3254



17.0017, 25.9540, 14.2375



23.7603, 25.9540, 70.2683

Complementary

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



35.5099, 25.9540, 17.3254



41.9873, 55.5776, 71.4651

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.



19.1019, 25.9540, 60.9053



35.5099, 25.9540, 17.3254



15.5864, 25.9540, 25.7068

Square

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



35.5099, 25.9540, 17.3254



20.4767, 25.9540, 8.7775



16.2943, 25.9540, 43.0331



29.3966, 25.9540, 65.4061

Rectangle

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



35.5099, 25.9540, 17.3254



27.4996, 25.9540, 7.9782



16.2943, 25.9540, 43.0331



22.0387, 25.9540, 68.6036

Sweetspot

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



35.5106, 25.9554, 17.3259



78.4809, 75.7548, 75.9610



44.8133, 29.6755, 66.3165



16.3598, 15.5732, 15.3873



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.



35.5106, 25.9554, 17.3259



48.7734, 32.2841, 16.9045



42.8050, 40.5442, 19.7573



12.4234, 12.4209, 12.9034



16.7620, 8.6413, 0.7845



1.0110, 0.5212, 0.0473

Inverse Universe

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



41.9873, 55.5776, 71.4651



59.5803, 81.7107, 107.2393



30.8523, 33.3077, 67.7535



12.7922, 14.1078, 15.9864



21.8692, 32.0001, 43.4772



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 35.5099, 25.9540, 17.3254 looks on a white background.

Color Contrast Check

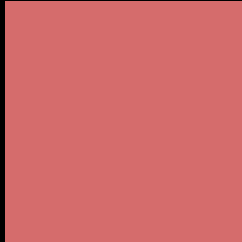
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5099, 25.9540, 17.3254 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 35.5099, 25.9540, 17.3254

Background



This preview shows how black text looks on a background with the XYZ color 35.5099, 25.9540, 17.3254.



This preview shows how white text looks on a background with the XYZ color 35.5099, 25.9540,

17.3254.

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

35.5099, 25.9540, 17.3254

Protanopia

24.6618, 26.0063, 22.4588

Deuteranopia

26.5408, 26.0490, 16.7258



Tritanopia

35.7928, 25.8993, 19.3322

Trichromacy



Original Color

35.5099, 25.9540, 17.3254

Protanomaly

27.5667, 25.2924, 20.5685

Deuteranomaly

29.1748, 25.6322, 16.7744

Tritanomaly

35.6229, 25.8314, 18.4377

Monochromacy



Original Color

35.5099, 25.9540, 17.3254

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.3413, 25.1038, 23.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5099, 25.9540, 17.3254 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, 108, 108)` looks like.

```
.text, #text, p{  
    color:rgb(213, 108, 108)  
}
```

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, 108, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 108, 108) }
```

Border

The CSS property to change the border of an element to XYZ 35.5099, 25.9540, 17.3254 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, 108, 108) }
```


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

```
.border{ border-color:rgb(213, 108, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 108, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 108, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 108, 108);  
box-shadow:4px 4px 4px 4px rgb(213, 108,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5099, 25.9540, 17.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 108, 108) }
```

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

```
.background{ background-color: rgb(213,  
108, 108) }
```

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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