

Converting Colors

XYZ(35.7172, 25.9262, 17.0593)

Have a look what the booklet for
XYZ(35.7172, 25.9262, 17.0593)
contains.

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Color

**XYZ(35.6431, 25.8731,
17.0253)**

Conversions

Conversions Part 1

Format	Color
Hex	D66B6B
RGB	214, 107, 107
RGB Percent	84%, 42%, 42%
CMY	0.1608, 0.5804, 0.5804
CMYK	0.00, 0.50, 0.50, 0.16
HSL	0°, 57%, 63%
HSV	0°, 50%, 84%
XYZ	35.6431, 25.8731, 17.0253
YIQ	138.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

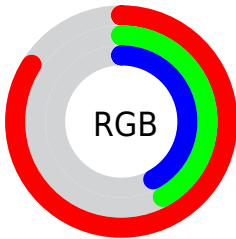
Format	Color
R_{YB}	214, 107, 107
Decimal	14052203
CIE _{Lab}	57.92, 41.96, 19.69
CIE _{LCh}	58, 46.351, 25.144
Yxy	25.8731, 0.4538, 0.3294
Android (android.graphics.Color)	4292242283 (0xFFD66B6B)
YUV	138.9930, -15.7725, 65.7811
Hunter-Lab	50.8656, 36.0656, 15.7609

Details

The XYZ color **35.6431, 25.8731, 17.0253** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.2460, 56.0708, 72.2143**, and the grayscale version is **24.5803, 25.8604, 28.1620**.

A 20% lighter version of the original color is **60.1564, 49.2184, 38.6773**, and **15.6994, 10.0272, 5.3830** is the 20% darker color. If you saturate the color by 10%, you get **32.6917, 21.5547, 11.1574**, and if you desaturate by 10%, it is **39.4264, 31.4095, 24.5453**.

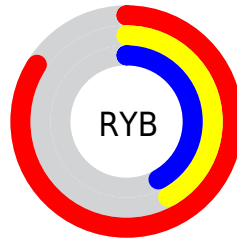
Distribution



Red (84%)

Green (42%)

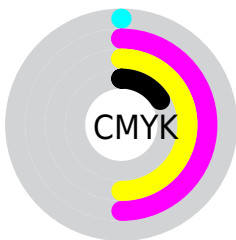
Blue (42%)



Red (84%)

Yellow (42%)

Blue (42%)

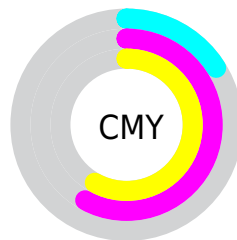


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (16%)



Cyan (16%)


Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6431, 25.8731, 17.0253 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 35.6431, 25.8731, 17.0253 by changing the saturation by 10% instead.


 35.6431, 25.8731,
17.0253


 35.6431, 25.8731,
17.0253


318.8564,
282.1586, 247.3670


 24.3275, 16.7287,
10.0904


 67.8083, 53.0702,
39.1605


 15.7028, 10.0413,
5.3525


 89.3887, 71.8916,
55.1979

 9.4036, 5.4263,
2.3932


 115.1213, 94.7076,
75.1065

 5.0646, 2.4995,
0.7828

 145.3716,
121.9024, 99.3049

 2.3203, 0.8764,
0.0000

180.5049,
153.8606, 128.2116

 0.8050, 0.0000,
0.0000

220.8866,

 0.0000, 0.0000,

190.9664, 162.2452

0.0000

266.8820,
233.6042, 201.8241

■ 35.6431, 25.8731,
17.0253

■ 35.6431, 25.8731,
17.0253

■ 32.6917, 21.5547,
11.1574

■ 39.4264, 31.4095,
24.5453

■ 30.5078, 18.3590,
6.8162

■ 44.0956, 38.2420,
33.8274

■ 29.0209, 16.1831,
3.8605

■ 49.7026, 46.4466,
44.9739

■ 28.1464, 14.9033,
2.1223

■ 56.2947, 56.0927,
58.0787

■ 27.7316, 14.2964,
1.2979

■ 63.9159, 67.2446,
73.2295

■ 27.7316, 14.2964,
1.2979

■ 72.6076, 79.9630,
90.5086

■ 81.5415, 93.0361,
108.2678

Harmonies

Analogous

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



36.9110, 25.8731, 30.8543



35.6431, 25.8731, 17.0253



31.2497, 25.8731, 9.7271

Triad

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



35.6431, 25.8731, 17.0253



16.7939, 25.8731, 14.0027



23.6942, 25.8731, 71.2392

Complementary

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



35.6431, 25.8731, 17.0253



42.2460, 56.0708, 72.2143

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.



18.9535, 25.8731, 61.6716



35.6431, 25.8731, 17.0253



15.3726, 25.8731, 25.6487

Square

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



35.6431, 25.8731, 17.0253



20.3074, 25.8731, 8.5018



16.0992, 25.8731, 43.3541



29.4396, 25.8731, 66.1633

Rectangle

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



35.6431, 25.8731, 17.0253



27.4473, 25.8731, 7.6815



16.0992, 25.8731, 43.3541



21.9412, 25.8731, 69.5504

Sweetspot

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



35.6437, 25.8745, 17.0258



78.4809, 75.7548, 75.9610



45.1268, 29.6667, 66.9659



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.



35.6437, 25.8745, 17.0258



48.3905, 31.7237, 16.1432



43.0430, 40.6730, 19.4922



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.



42.2460, 56.0708, 72.2143



59.2867, 81.5593, 107.2255



30.8588, 33.2963, 68.4185



12.7922, 14.1078, 15.9864



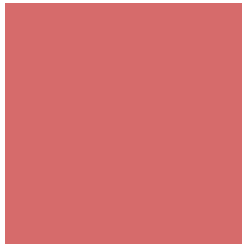
21.8692, 32.0001, 43.4772



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 35.6431, 25.8731, 17.0253 looks on a white background.

Color Contrast Check

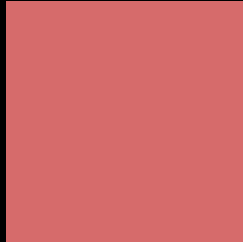
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6431, 25.8731, 17.0253 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 35.6431, 25.8731, 17.0253

Background



This preview shows how black text looks on a background with the XYZ color 35.6431, 25.8731, 17.0253.



This preview shows how white text looks on a background with the XYZ color 35.6431, 25.8731,

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

35.6431, 25.8731, 17.0253

Protanopia

24.5995, 25.9814, 22.1307

Deuteranopia

26.4404, 26.0088, 16.1970



Tritanopia

35.8662, 25.7965, 18.7116

Trichromacy



Original Color

35.6431, 25.8731, 17.0253

Protanomaly

27.5948, 25.1210, 20.2241

Deuteranomaly

29.2348, 25.4821, 16.4744

Tritanomaly

35.7548, 25.7519, 18.1251

Monochromacy



Original Color

35.6431, 25.8731, 17.0253

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.1460, 24.8180, 23.4383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6431, 25.8731, 17.0253 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, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(214, 107, 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, 107, 107) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 35.6431, 25.8731, 17.0253 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, 107, 107) }
```


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

```
.border{ border-color:rgb(214, 107, 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, 107, 107) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 35.6431, 25.8731, 17.0253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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