

Converting Colors

XYZ(35.0329, 25.5312, 16.9365)

Have a look what the booklet for
XYZ(35.0329, 25.5312, 16.9365)
contains.

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Color

**XYZ(35.0629, 25.5740,
16.9982)**

Conversions

Conversions Part 1

Format	Color
Hex	D46B6B
RGB	212, 107, 107
RGB Percent	83%, 42%, 42%
CMY	0.1686, 0.5804, 0.5804
CMYK	0.00, 0.50, 0.50, 0.17
HSL	0°, 55%, 63%
HSV	0°, 50%, 83%
XYZ	35.0629, 25.5740, 16.9982
YIQ	138.3950, 62.5800, 22.2600

Conversions

Conversions Part 2

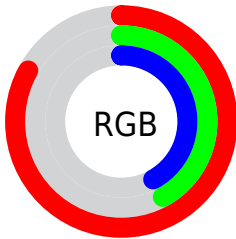
Format	Color
R_{YB}	212, 107, 107
Decimal	13921131
CIE Lab	57.63, 41.22, 19.26
CIE LCh	58, 45.501, 25.040
Yxy	25.5740, 0.4516, 0.3294
Android (android.graphics.Color)	4292111211 (0xFFD46B6B)
YUV	138.3950, -15.4777, 64.5516
Hunter-Lab	50.5707, 35.2630, 15.4705

Details

The XYZ color **35.0629, 25.5740, 16.9982** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.4891, 54.9632, 70.7093**, and the grayscale version is **24.3498, 25.6179, 27.8979**.

A 20% lighter version of the original color is **60.1564, 49.2184, 38.6773**, and **15.3187, 9.8309, 5.3651** is the 20% darker color. If you saturate the color by 10%, you get **32.1354, 21.2906, 11.1779**, and if you desaturate by 10%, it is **38.8068, 31.0528, 24.4399**.

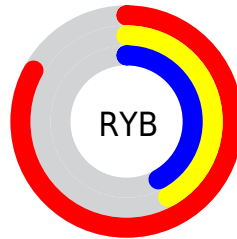
Distribution



Red (83%)

Green (42%)

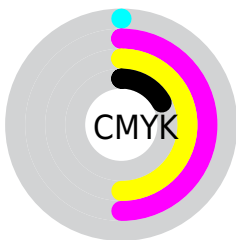
Blue (42%)



Red (83%)

Yellow (42%)

Blue (42%)

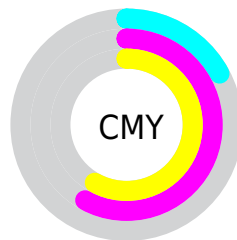


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (17%)



Cyan (17%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0629, 25.5740, 16.9982 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 35.0629, 25.5740, 16.9982 by changing the saturation by 10% instead.

 35.0629, 25.5740,
16.9982


 35.0629, 25.5740,
16.9982


316.3490,
280.6846, 247.2056


 23.8781, 16.5052,
10.0713


 66.9166, 52.5869,
39.1133

 15.3674, 9.8824,
5.3400


 88.3161, 71.2998,
55.1385

 9.1657, 5.3210,
2.3859


 113.8513, 93.9962,
75.0336

 4.9074, 2.4368,
0.7788

 143.8875,
121.0605, 99.2171

 2.2272, 0.8447,
0.0000

178.7900,
152.8771, 128.1075

 0.7570, 0.0000,
0.0000

218.9242,

 0.0000, 0.0000,

189.8304, 162.1233

0.0000

264.6554,
232.3047, 201.6832

■ 35.0629, 25.5740,
16.9982

■ 35.0629, 25.5740,
16.9982

■ 32.1354, 21.2906,
11.1779

■ 38.8068, 31.0528,
24.4399

■ 29.9618, 18.1099,
6.8570

■ 43.4197, 37.8028,
33.6101

■ 28.4736, 15.9321,
3.8987


■ 48.9520, 45.8982,
44.6081


■ 27.5890, 14.6376,
2.1405


■ 55.4498, 55.4063,
57.5255

■ 27.1677, 14.0212,
1.3032

■ 62.9560, 66.3900,
72.4477

 27.1514, 13.9972,
1.2707

 71.5110, 78.9083,
89.4550

 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



36.2813, 25.5740, 30.5153



35.0629, 25.5740, 16.9982



30.8034, 25.5740, 9.8095

Triad

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



35.0629, 25.5740, 16.9982



16.7065, 25.5740, 13.9717



23.4146, 25.5740, 69.5939

Complementary

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



35.0629, 25.5740, 16.9982



41.4891, 54.9632, 70.7093

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.



18.7955, 25.5740, 60.2980



35.0629, 25.5740, 16.9982



15.3087, 25.5740, 25.3366

Square

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



35.0629, 25.5740, 16.9982



20.1454, 25.5740, 8.5742



16.0124, 25.5740, 42.5383



29.0062, 25.5740, 64.7352

Rectangle

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



35.0629, 25.5740, 16.9982



27.1072, 25.5740, 7.7795



16.0124, 25.5740, 42.5383



21.7072, 25.5740, 67.9447

Sweetspot

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



35.0635, 25.5753, 16.9987



78.4809, 75.7548, 75.9610



44.2927, 29.2660, 65.6015



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.



35.0635, 25.5753, 16.9987



48.7734, 32.2841, 16.9045



42.2895, 40.0272, 19.4073



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.



41.4891, 54.9632, 70.7093



59.5803, 81.7108, 107.2393



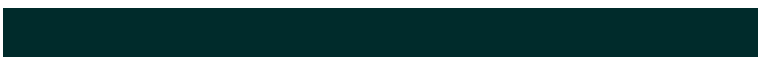
30.4315, 32.8480, 67.0235



12.7922, 14.1078, 15.9864



21.8692, 32.0002, 43.4772



1.3191, 1.9301, 2.6223

Previews

White Background



This preview shows how the XYZ color 35.0629, 25.5740, 16.9982 looks on a white background.

Color Contrast Check

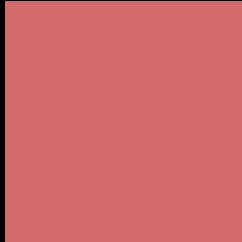
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0629, 25.5740, 16.9982 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 35.0629, 25.5740, 16.9982

Background



This preview shows how black text looks on a background with the XYZ color 35.0629, 25.5740, 16.9982.



This preview shows how white text looks on a background with the XYZ color 35.0629, 25.5740,

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

35.0629, 25.5740, 16.9982

Protanopia

24.4225, 25.8901, 22.1224

Deuteranopia

26.1456, 25.6468, 16.4043



Tritanopia

35.2860, 25.4974, 18.6845

Trichromacy



Original Color

35.0629, 25.5740, 16.9982

Protanomaly

27.1624, 24.8981, 20.2038

Deuteranomaly

28.7624, 25.2385, 16.4523

Tritanomaly

35.1747, 25.4528, 18.0979

Monochromacy



Original Color

35.0629, 25.5740, 16.9982

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.9372, 24.7104, 23.4285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0629, 25.5740, 16.9982 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(212, 107, 107)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 107, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 107, 107) }
```

Border

The CSS property to change the border of an element to XYZ 35.0629, 25.5740, 16.9982 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(212, 107, 107) }
```


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

```
.border{ border-color:rgb(212, 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(212, 107, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 107, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 107, 107);  
box-shadow:4px 4px 4px 4px rgb(212, 107,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0629, 25.5740, 16.9982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 107, 107) }
```

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

```
.background{ background-color: rgb(212,  
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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