

Converting Colors

XYZ(35.2512, 25.0281, 15.6720)

Have a look what the booklet for
XYZ(35.2512, 25.0281, 15.6720)
contains.

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Color

**XYZ(35.2729, 25.1069,
15.5574)**

Conversions

Conversions Part 1

Format	Color
Hex	D76766
RGB	215, 103, 102
RGB Percent	84%, 40%, 40%
CMY	0.1569, 0.5961, 0.6000
CMYK	0.00, 0.52, 0.53, 0.16
HSL	1°, 59%, 62%
HSV	1°, 53%, 84%
XYZ	35.2729, 25.1069, 15.5574
YIQ	136.3740, 67.0730, 23.4330

Conversions

Conversions Part 2

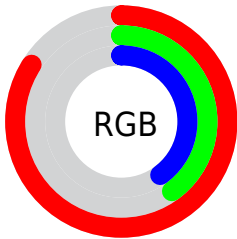
Format	Color
RYB	215, 103, 102
Decimal	14116710
CIELab	57.18, 43.88, 21.61
CIElCh	57, 48.917, 26.222
Yxy	25.1069, 0.4645, 0.3306
Android (android.graphics.Color)	4292306790 (0xFFD76766)
YUV	136.3740, -16.9464, 68.9550
Hunter-Lab	50.1068, 37.9690, 16.6661

Details

The XYZ color **35.2729, 25.1069, 15.5574** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.7903, 55.8211, 72.8618**, and the grayscale version is **23.5868, 24.8152, 27.0237**.

A 20% lighter version of the original color is **59.0467, 47.6738, 36.2269**, and **15.5837, 9.7114, 4.6676** is the 20% darker color. If you saturate the color by 10%, you get **32.4854, 21.0228, 10.0325**, and if you desaturate by 10%, it is **38.8781, 30.3842, 22.7193**.

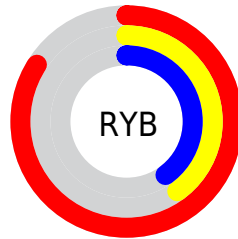
Distribution



Red (84%)

Green (40%)

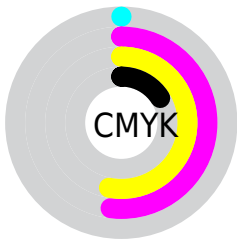
Blue (40%)



Red (84%)

Yellow (40%)

Blue (40%)

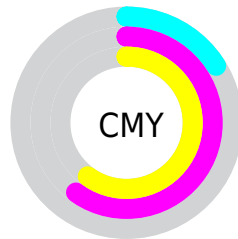


Cyan (0%)

Magenta (52%)

Yellow (53%)

Black (16%)



Cyan (16%)


Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2729, 25.1069, 15.5574 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 35.2729, 25.1069, 15.5574 by changing the saturation by 10% instead.


 35.2729, 25.1069,
15.5574


 35.2729, 25.1069,
15.5574


317.2582,
278.3699, 238.4715


 24.0407, 16.1567,
9.0606


 67.2396, 51.8306,
36.5841

 15.4887, 9.6351,
4.6834


 88.7047, 70.3729,
51.9511

 9.2516, 5.1577,
2.0072


 114.3115, 92.8814,
71.1119

 4.9641, 2.3401,
0.5597

 144.4254,
119.7404, 94.4850

 2.2607, 0.7948,
0.0000

179.4116,
151.3343, 122.4890

 0.7745, 0.0000,
0.0000

219.6356,

 0.0000, 0.0000,

188.0477, 155.5424

0.0000

265.4627,
230.2647, 194.0637

■ 35.2729, 25.1069,
15.5574

■ 35.2729, 25.1069,
15.5574

■ 32.4854, 21.0228,
10.0325

■ 38.8781, 30.3842,
22.7193

■ 30.4501, 18.0355,
6.0141

■ 43.3562, 36.9334,
31.6321

■ 29.0943, 16.0402,
3.3544

■ 48.7596, 44.8314,
42.4011

■ 28.3304, 14.9097,
1.8749

■ 55.1362, 54.1475,
55.1229

■ 28.0451, 14.4886,
1.3184

■ 62.5306, 64.9465,
69.8874

■ 70.9844, 77.2891,
86.7789

■ 80.5373, 91.2328,
105.8769

■ 81.8343, 93.1870,
108.2815

Harmonies

Analogous

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



36.7441, 25.1069, 29.4862



35.2729, 25.1069, 15.5574



30.5835, 25.1069, 8.5104

Triad

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



35.2729, 25.1069, 15.5574



15.7736, 25.1069, 13.1960



23.1392, 25.1069, 72.9205

Complementary

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



35.2729, 25.1069, 15.5574



41.7903, 55.8211, 72.8618

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.



18.2077, 25.1069, 63.1975



35.2729, 25.1069, 15.5574



14.4111, 25.1069, 25.2951

Square

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



35.2729, 25.1069, 15.5574



19.2863, 25.1069, 7.5839



15.2250, 25.1069, 43.9302



29.1127, 25.1069, 66.9317

Rectangle

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



35.2729, 25.1069, 15.5574



26.6063, 25.1069, 6.6247



15.2250, 25.1069, 43.9302



21.3157, 25.1069, 71.3058

Sweetspot

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



35.2735, 25.1082, 15.5578



77.5925, 74.5040, 74.0435



45.0414, 28.8562, 67.4857



16.1883, 15.3337, 15.0109



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.



35.2735, 25.1082, 15.5578



47.4390, 30.4001, 14.0397



42.7350, 40.0311, 18.0450



12.4321, 12.4383, 12.9063



16.7784, 8.6741, 0.7899



1.0152, 0.5296, 0.0487

Inverse Universe

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



41.7903, 55.8211, 72.8618



58.0075, 80.2291, 107.0362



30.0577, 32.3559, 68.9510



12.7823, 14.0880, 15.9831



21.5856, 31.4330, 43.3827



1.3051, 1.9021, 2.6177

Previews

White Background



This preview shows how the XYZ color 35.2729, 25.1069, 15.5574 looks on a white background.

Color Contrast Check

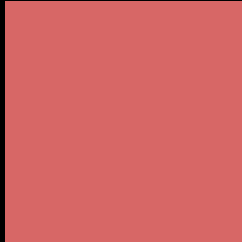
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2729, 25.1069, 15.5574 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 35.2729, 25.1069, 15.5574

Background



This preview shows how black text looks on a background with the XYZ color 35.2729, 25.1069, 15.5574.



This preview shows how white text looks on a background with the XYZ color 35.2729, 25.1069,

15.5574.

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

35.2729, 25.1069, 15.5574

Protanopia

23.8927, 25.2191, 20.7480

Deuteranopia

25.7188, 25.2581, 14.8290



Tritanopia

35.5360, 25.0539, 17.4309

Trichromacy



Original Color

35.2729, 25.1069, 15.5574

Protanomaly

26.8358, 24.3831, 18.6212

Deuteranomaly

28.6179, 24.6429, 15.0526

Tritanomaly

35.3772, 24.9904, 16.5947

Monochromacy



Original Color

35.2729, 25.1069, 15.5574

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.3628, 23.8699, 22.2867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2729, 25.1069, 15.5574 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(215, 103, 102)` looks like.

```
.text, #text, p{  
    color:rgb(215, 103, 102)  
}
```

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(215, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 103, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.2729, 25.1069, 15.5574 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(215, 103, 102) }
```


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

```
.border{ border-color:rgb(215, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(215, 103,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2729, 25.1069, 15.5574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 103, 102) }
```

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

```
.background{ background-color: rgb(215,  
103, 102) }
```

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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