

Converting Colors

XYZ(35.9086, 26.1471, 17.9061)

Have a look what the booklet for
XYZ(35.9086, 26.1471, 17.9061)
contains.

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Color

**XYZ(35.9086, 26.1471,
17.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	D66C6E
RGB	214, 108, 110
RGB Percent	84%, 42%, 43%
CMY	0.1608, 0.5764, 0.5686
CMYK	0.00, 0.50, 0.49, 0.16
HSL	359°, 56%, 63%
HSV	359°, 50%, 84%
XYZ	35.9086, 26.1471, 17.9061
YIQ	139.9220, 62.5340, 23.0940

Conversions

Conversions Part 2

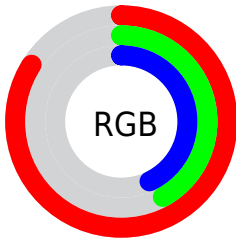
Format	Color
R _Y B	214, 108, 110
Decimal	14052462
CIE Lab	58.18, 41.73, 18.32
CIE LCh	58, 45.574, 23.697
Yxy	26.1471, 0.4491, 0.3270
Android (android.graphics.Color)	4292242542 (0xFFD66C6E)
YUV	139.9220, -14.7515, 64.9664
Hunter-Lab	51.1342, 35.8653, 15.0319

Details

The XYZ color **35.9086, 26.1471, 17.9061** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.1161, 56.0353, 70.8874**, and the grayscale version is **24.9363, 26.2349, 28.5698**.

A 20% lighter version of the original color is **60.6819, 49.7093, 40.5790**, and **15.8289, 10.1558, 5.8286** is the 20% darker color. If you saturate the color by 10%, you get **32.9112, 21.7703, 11.9194**, and if you desaturate by 10%, it is **39.7320, 31.7426, 25.5049**.

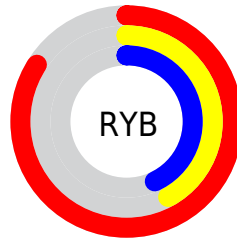
Distribution



Red (84%)

Green (42%)

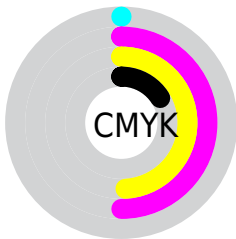
Blue (43%)



Red (84%)

Yellow (42%)

Blue (43%)

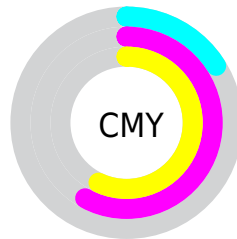


Cyan (0%)

Magenta (50%)

Yellow (49%)

Black (16%)



Cyan (16%)


Magenta (58%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.9086, 26.1471, 17.9061 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 35.9086, 26.1471, 17.9061 by changing the saturation by 10% instead.

 35.9086, 26.1471,
17.9061


 35.9086, 26.1471,
17.9061


319.9991,
283.5034, 252.5596


 24.5334, 16.9337,
10.7138


 68.2158, 53.5122,
40.6890


 15.8566, 10.1872,
5.7630


 89.8784, 72.4326,
57.1168

 9.5130, 5.5233,
2.6351


 115.7010, 95.3576,
77.4601

 5.1370, 2.5574,
0.9105

 146.0487,
122.6714, 102.1376

 2.3635, 0.9053,
0.0000

181.2871,
154.7585, 131.5678

 0.8268, 0.0000,
0.0000

221.7813,

 0.0000, 0.0000,

192.0033, 166.1691

0.0000

267.8969,
234.7901, 206.3602

■ 35.9086, 26.1471,
17.9061

■ 35.9086, 26.1471,
17.9061

■ 32.9112, 21.7703,
11.9194

■ 39.7320, 31.7426,
25.5049

■ 30.6772, 18.5179,
7.4272

■ 44.4341, 38.6340,
34.8190

■ 29.1382, 16.2884,
4.2984


■ 50.0655, 46.8968,
45.9448


■ 28.2128, 14.9602,
2.3786


■ 56.6724, 56.5994,
58.9711

■ 27.7699, 14.3289,
1.4461

■ 64.2978, 67.8060,
73.9807

 27.7535, 14.3049,
1.4140

 72.9823, 80.5767,
91.0518

 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.



36.9822, 26.1471, 31.9438



35.9086, 26.1471, 17.9061



31.6899, 26.1471, 10.3116

Triad

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



35.9086, 26.1471, 17.9061



17.2338, 26.1471, 13.9845



23.7034, 26.1471, 70.7012

Complementary

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



35.9086, 26.1471, 17.9061



42.1161, 56.0353, 70.8874

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.



19.0761, 26.1471, 60.7156



35.9086, 26.1471, 17.9061



15.7150, 26.1471, 25.2571

Square

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



35.9086, 26.1471, 17.9061



20.8210, 26.1471, 8.7051



16.3357, 26.1471, 42.5369



29.3724, 26.1471, 66.4221

Rectangle

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



35.9086, 26.1471, 17.9061



27.9563, 26.1471, 8.1100



16.3357, 26.1471, 42.5369



21.9865, 26.1471, 68.8113

Sweetspot

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



35.9093, 26.1485, 17.9066



78.5740, 75.7911, 76.4542



44.2122, 29.3518, 66.9534



16.3818, 15.5818, 15.5038



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.



35.9093, 26.1485, 17.9066



48.9198, 32.3413, 17.6791



42.5753, 39.6523, 19.5990



12.4326, 12.4246, 12.9526



16.7795, 8.6481, 0.8772



1.0155, 0.5230, 0.0708

Inverse Universe

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



35.9093, 26.1485, 17.9066



48.9198, 32.3413, 17.6791



31.6944, 34.7869, 68.6622



12.4326, 12.4246, 12.9526



16.7795, 8.6481, 0.8772



1.0155, 0.5230, 0.0708

Previews

White Background



This preview shows how the XYZ color 35.9086, 26.1471, 17.9061 looks on a white background.

Color Contrast Check

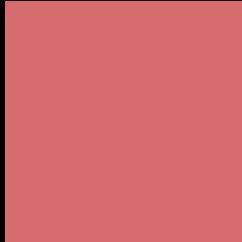
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9086, 26.1471, 17.9061 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 35.9086, 26.1471, 17.9061

Background



This preview shows how black text looks on a background with the XYZ color 35.9086, 26.1471, 17.9061.



This preview shows how white text looks on a background with the XYZ color 35.9086, 26.1471,

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

35.9086, 26.1471, 17.9061

Protanopia

24.9338, 26.3478, 23.1735

Deuteranopia

26.7308, 26.3472, 17.0413



Tritanopia

36.0838, 26.0493, 19.3459

Trichromacy



Original Color

35.9086, 26.1471, 17.9061

Protanomaly

27.9039, 25.4523, 21.2114

Deuteranomaly

29.5159, 25.7960, 17.3334

Tritanomaly

35.9699, 26.0038, 18.7462

Monochromacy



Original Color

35.9086, 26.1471, 17.9061

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

27.6180, 25.2388, 24.1848

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9086, 26.1471, 17.9061 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, 108, 110)` looks like.

```
.text, #text, p{  
    color:rgb(214, 108, 110)  
}
```

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, 108, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 108, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.9086, 26.1471, 17.9061 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, 108, 110) }
```


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

```
.border{ border-color:rgb(214, 108, 110) }
```

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

Here you see how a box with a 4 pixel rgb(214, 108, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 108, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 108, 110);  
box-shadow:4px 4px 4px 4px rgb(214, 108,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9086, 26.1471, 17.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 108, 110) }
```

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

```
.background{ background-color: rgb(214,  
108, 110) }
```

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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