

Converting Colors

XYZ(35.5418, 26.2747, 17.9501)

Have a look what the booklet for
XYZ(35.5418, 26.2747, 17.9501)
contains.

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Color

**XYZ(35.5418, 26.2747,
17.9501)**

Conversions

Conversions Part 1

Format	Color
Hex	D46E6E
RGB	212, 110, 110
RGB Percent	83%, 43%, 43%
CMY	0.1686, 0.5686, 0.5686
CMYK	0.00, 0.48, 0.48, 0.17
HSL	0°, 54%, 63%
HSV	0°, 48%, 83%
XYZ	35.5418, 26.2747, 17.9501
YIQ	140.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

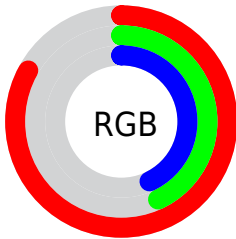
Format	Color
R_{YB}	212, 110, 110
Decimal	13921902
CIE Lab	58.30, 39.98, 18.43
CIE LCh	58, 44.022, 24.755
Yxy	26.2747, 0.4456, 0.3294
Android (android.graphics.Color)	4292111982 (0xFFD46E6E)
YUV	140.4980, -15.0355, 62.7073
Hunter-Lab	51.2589, 34.0651, 15.1187

Details

The XYZ color **35.5418, 26.2747, 17.9501** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.8562, 55.1526, 70.7267**, and the grayscale version is **25.1621, 26.4725, 28.8285**.

A 20% lighter version of the original color is **61.0370, 50.4196, 40.6974**, and **15.5703, 10.2480, 5.7148** is the 20% darker color. If you saturate the color by 10%, you get **32.5025, 21.8277, 11.9075**, and if you desaturate by 10%, it is **39.4056, 31.9289, 25.6302**.

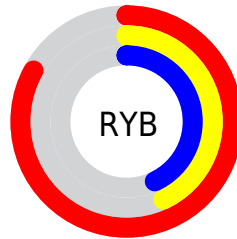
Distribution



Red (83%)

Green (43%)

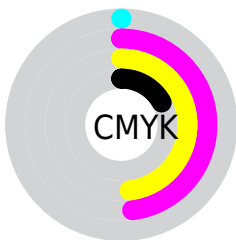
Blue (43%)



Red (83%)

Yellow (43%)

Blue (43%)

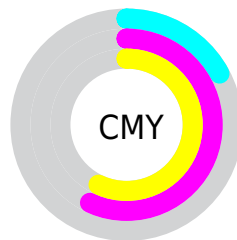


Cyan (0%)

Magenta (48%)

Yellow (48%)

Black (17%)



Cyan (17%)


Magenta (57%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5418, 26.2747, 17.9501 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 35.5418, 26.2747, 17.9501 by changing the saturation by 10% instead.


 35.5418, 26.2747,
17.9501


 35.5418, 26.2747,
17.9501


318.4197,
284.1280, 252.8163


 24.2490, 17.0293,
10.7451


 67.6528, 53.7178,
40.7651


 15.6442, 10.2554,
5.7837


 89.2016, 72.6842,
57.2121

 9.3620, 5.5686,
2.6473


 114.8999, 95.6597,
77.5769

 5.0370, 2.5846,
0.9167

 145.1129,
123.0288, 102.2780

 2.3040, 0.9189,
0.0000

180.2061,
155.1757, 131.7340

 0.7967, 0.0000,
0.0000

220.5447,

 0.0000, 0.0000,

192.4850, 166.3633

0.0000

266.4941,
235.3409, 206.5846

■ 35.5418, 26.2747,
17.9501

■ 35.5418, 26.2747,
17.9501

■ 32.5025, 21.8277,
11.9075

■ 39.4056, 31.9289,
25.6302

■ 30.2261, 18.4966,
7.3823

■ 44.1456, 38.8650,
35.0531

■ 28.6455, 16.1836,
4.2404


■ 49.8119, 47.1563,
46.3174


■ 27.6811, 14.7724,
2.3235


■ 56.4498, 56.8695,
59.5134

■ 27.2168, 14.0929,
1.4006

■ 64.1021, 68.0669,
74.7259

 27.1515, 13.9973,
1.2707

 72.8087, 80.8071,
92.0345

 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.



36.6969, 26.2747, 31.3906



35.5418, 26.2747, 17.9501



31.4004, 26.2747, 10.6486

Triad

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



35.5418, 26.2747, 17.9501



17.4713, 26.2747, 14.7402



24.0436, 26.2747, 69.1783

Complementary

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



35.5418, 26.2747, 17.9501



41.8562, 55.1526, 70.7267

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.



19.4891, 26.2747, 60.0902



35.5418, 26.2747, 17.9501



16.0575, 26.2747, 25.9961

Square

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



35.5418, 26.2747, 17.9501



20.9043, 26.2747, 9.3135



16.7398, 26.2747, 42.8218



29.5388, 26.2747, 64.6218

Rectangle

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



35.5418, 26.2747, 17.9501



27.7805, 26.2747, 8.5442



16.7398, 26.2747, 42.8218



22.3620, 26.2747, 67.5440

Sweetspot

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



35.5425, 26.2761, 17.9506



79.4761, 77.2110, 77.9395



44.6110, 29.9025, 65.7078



16.5556, 15.8598, 15.7767



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.



35.5425, 26.2761, 17.9506



49.1681, 32.8616, 17.6890



42.7108, 40.6127, 20.3400



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.



41.8562, 55.1526, 70.7267



59.8829, 81.8669, 107.2535



31.0591, 33.5584, 67.1277



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 35.5418, 26.2747, 17.9501 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 35.5418, 26.2747, 17.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

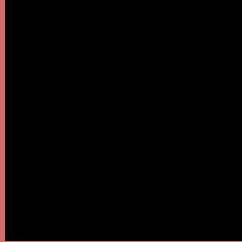
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5418, 26.2747, 17.9501

Background



This preview shows how black text looks on a background with the XYZ color 35.5418, 26.2747, 17.9501.



This preview shows how white text looks on a background with the XYZ color 35.5418, 26.2747,

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

35.5418, 26.2747, 17.9501

Protanopia

25.1124, 26.4399, 23.1819

Deuteranopia

26.9914, 26.4755, 17.3234



Tritanopia

35.8309, 26.2187, 20.0018

Trichromacy



Original Color

35.5418, 26.2747, 17.9501

Protanomaly

28.0350, 25.7145, 21.2551

Deuteranomaly

29.6431, 26.0505, 17.3758

Tritanomaly

35.6573, 26.1492, 19.0875

Monochromacy



Original Color

35.5418, 26.2747, 17.9501

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.9482, 25.7925, 24.6245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5418, 26.2747, 17.9501 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, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(212, 110, 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(212, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 110, 110) }
```

Border

The CSS property to change the border of an element to XYZ 35.5418, 26.2747, 17.9501 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, 110, 110) }
```


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

```
.border{ border-color:rgb(212, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(212, 110,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5418, 26.2747, 17.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 110, 110) }
```

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

```
.background{ background-color: rgb(212,  
110, 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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