

Converting Colors

XYZ(35.4637, 26.9417, 23.6436)

Have a look what the booklet for
XYZ(35.4637, 26.9417, 23.6436)
contains.

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Color

**XYZ(35.4806, 26.9418,
23.7523)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7380
RGB	206, 115, 128
RGB Percent	81%, 45%, 50%
CMY	0.1922, 0.5490, 0.4980
CMYK	0.00, 0.44, 0.38, 0.19
HSL	351°, 48%, 63%
HSV	351°, 44%, 81%
XYZ	35.4806, 26.9418, 23.7523
YIQ	143.6910, 50.0630, 23.3350

Conversions

Conversions Part 2

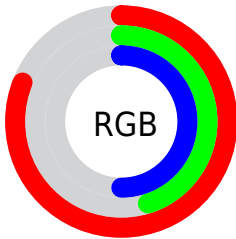
Format	Color
R_{YB}	206, 115, 128
Decimal	13529984
CIE _{Lab}	58.92, 37.08, 8.78
CIE _{LCh}	59, 38.107, 13.317
Yxy	26.9418, 0.4117, 0.3126
Android (android.graphics.Color)	4291720064 (0xFFCE7380)
YUV	143.6910, -7.7357, 54.6450
Hunter-Lab	51.9055, 31.1811, 9.2023

Details

The XYZ color **35.4806, 26.9418, 23.7523** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.7685, 51.6383, 58.3789**, and the grayscale version is **26.4018, 27.7767, 30.2488**.

A 20% lighter version of the original color is **63.7685, 52.9721, 50.5797**, and **15.6391, 10.6209, 8.6229** is the 20% darker color. If you saturate the color by 10%, you get **32.3256, 22.3329, 17.4568**, and if you desaturate by 10%, it is **39.3641, 32.6840, 31.2891**.

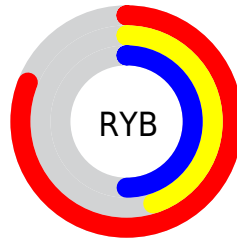
Distribution



Red (81%)

Green (45%)

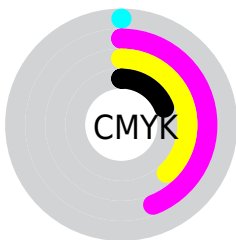
Blue (50%)



Red (81%)

Yellow (45%)

Blue (50%)

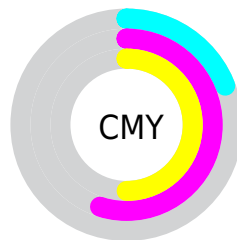


Cyan (0%)

Magenta (44%)

Yellow (38%)

Black (19%)



Cyan (19%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4806, 26.9418, 23.7523 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 35.4806, 26.9418, 23.7523 by changing the saturation by 10% instead.

■ 35.4806, 26.9418,
23.7523

■ 35.4806, 26.9418,
23.7523

318.1556,
287.3752, 284.8119

■ 24.2016, 17.5295,
14.9395

■ 67.5588, 54.7905,
50.5644

■ 15.6088, 10.6127,
8.6308

■ 89.0886, 73.9956,
69.4008

■ 9.3368, 5.8071,
4.4076

■ 114.7661, 97.2339,
92.4155

■ 5.0204, 2.7281,
1.8515

144.9566,
124.8896, 120.0270

■ 2.2941, 0.9915,
0.4616

180.0254,
157.3472, 152.6538

■ 0.7916, 0.0000,
0.0000

220.3379,

■ 0.0000, 0.0000,

194.9911, 190.7146

0.0000

266.2596,
238.2056, 234.6278

■ 35.4806, 26.9418,
23.7523

■ 35.4806, 26.9418,
23.7523

■ 32.3256, 22.3329,
17.4568

■ 39.3641, 32.6840,
31.2891

■ 29.8513, 18.7782,
12.3340

■ 44.0159, 39.6236,
40.1277

■ 28.0070, 16.1952,
8.3112


■ 49.4753, 47.8246,
50.3261


■ 26.7343, 14.4869,
5.3064


■ 55.7784, 57.3454,
61.9387


■ 25.9632, 13.5361,
3.2261

■ 62.9589, 68.2406,
75.0168

 25.6806, 13.2126,
2.3865

 71.0488, 80.5619,
89.6091

 78.7221, 91.6452,
105.3099

 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



35.3095, 26.9418, 37.4374



35.4806, 26.9418, 23.7523



32.7855, 26.9418, 14.8857

Triad

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



35.4806, 26.9418, 23.7523



19.8782, 26.9418, 14.2100



23.0921, 26.9418, 61.8941

Complementary

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



35.4806, 26.9418, 23.7523



38.7685, 51.6383, 58.3789

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.



19.5618, 26.9418, 50.9936



35.4806, 26.9418, 23.7523



17.8683, 26.9418, 22.4951

Square

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



35.4806, 26.9418, 23.7523



23.5756, 26.9418, 10.6296



17.7601, 26.9418, 35.7304



27.7526, 26.9418, 62.5458

Rectangle

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



35.4806, 26.9418, 23.7523



29.8977, 26.9418, 11.7151



17.7601, 26.9418, 35.7304



21.7484, 26.9418, 59.1840

Sweetspot

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



35.4813, 26.9431, 23.7528



81.1292, 78.9460, 83.3346



39.0991, 27.9714, 61.7307



16.9104, 16.2128, 16.9938



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.



35.4813, 26.9431, 23.7528



52.6097, 36.5254, 28.7612



38.9594, 35.1817, 20.9588



11.2765, 11.2393, 11.9907



15.8350, 8.1446, 1.5838



0.8385, 0.4288, 0.1954

Inverse Universe

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



35.4813, 26.9431, 23.7528



52.6097, 36.5254, 28.7612



33.3770, 38.4323, 64.0515



11.2765, 11.2393, 11.9907



15.8350, 8.1446, 1.5838



0.8385, 0.4288, 0.1954

Previews

White Background



This preview shows how the XYZ color 35.4806, 26.9418, 23.7523 looks on a white background.

Color Contrast Check

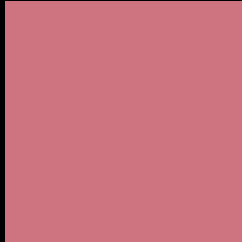
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4806, 26.9418, 23.7523 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 35.4806, 26.9418, 23.7523

Background



This preview shows how black text looks on a background with the XYZ color 35.4806, 26.9418, 23.7523.

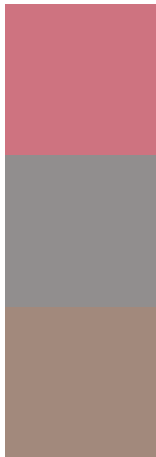


This preview shows how white text looks on a background with the XYZ color 35.4806, 26.9418,

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

35.4806, 26.9418, 23.7523

Protanopia

26.2325, 27.3187, 29.4816

Deuteranopia

27.4840, 27.0279, 22.8371



Tritanopia

35.3371, 27.0678, 22.4309

Trichromacy



Original Color

35.4806, 26.9418, 23.7523

Protanomaly

28.7030, 26.5242, 27.2738

Deuteranomaly

29.9120, 26.6462, 22.9687

Tritanomaly

35.4007, 27.0933, 22.7657

Monochromacy



Original Color

35.4806, 26.9418, 23.7523

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.9113, 26.8255, 27.6988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4806, 26.9418, 23.7523 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(206, 115, 128)` looks like.

```
.text, #text, p{  
    color:rgb(206, 115, 128)  
}
```

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(206, 115, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 115, 128) }
```

Border

The CSS property to change the border of an element to XYZ 35.4806, 26.9418, 23.7523 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(206, 115, 128) }
```


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

```
.border{ border-color:rgb(206, 115, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 115, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 115, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 115, 128);  
box-shadow:4px 4px 4px 4px rgb(206, 115,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4806, 26.9418, 23.7523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 115, 128) }
```

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

```
.background{ background-color: rgb(206,  
115, 128) }
```

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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