

Converting Colors

XYZ(38.4169, 31.0328, 26.4515)

Have a look what the booklet for
XYZ(38.4169, 31.0328, 26.4515)
contains.

XYZ(38.4478, 30.9771, 26.5070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.4478, 30.9771,
26.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	D18186
RGB	209, 129, 134
RGB Percent	82%, 51%, 53%
CMY	0.1804, 0.4941, 0.4745
CMYK	0.00, 0.38, 0.36, 0.18
HSL	356°, 47%, 66%
HSV	356°, 38%, 82%
XYZ	38.4478, 30.9771, 26.5070
YIQ	153.4900, 46.0750, 18.5150

Conversions

Conversions Part 2

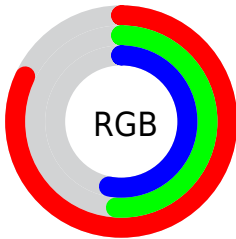
Format	Color
R _Y B	209, 129, 134
Decimal	13730182
CIE Lab	62.49, 31.47, 10.44
CIE LCh	62, 33.160, 18.358
Yxy	30.9771, 0.4008, 0.3229
Android (android.graphics.Color)	4291920262 (0xFFD18186)
YUV	153.4900, -9.6086, 48.6823
Hunter-Lab	55.6571, 25.9076, 10.7228

Details

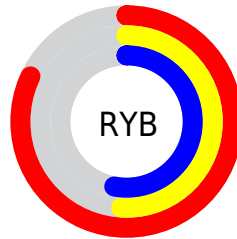
The XYZ color **38.4478, 30.9771, 26.5070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7542, 54.6283, 65.4207**, and the grayscale version is **30.5193, 32.1086, 34.9663**.

A 20% lighter version of the original color is **67.1431, 58.7148, 54.8080**, and **17.3130, 12.7801, 10.1486** is the 20% darker color. If you saturate the color by 10%, you get **34.7286, 25.5269, 19.1378**, and if you desaturate by 10%, it is **42.9849, 37.6576, 35.3988**.

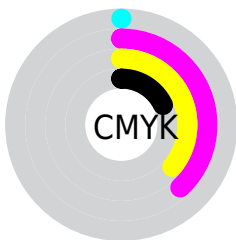
Distribution



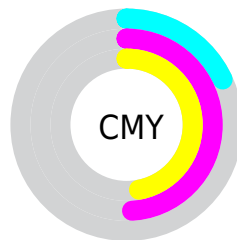
- Red (82%)
- Green (51%)
- Blue (53%)



- Red (82%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (38%)
- Yellow (36%)
- Black (18%)





- Cyan (18%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4478, 30.9771, 26.5070 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 38.4478, 30.9771, 26.5070 by changing the saturation by 10% instead.


 38.4478, 30.9771,
26.5070


 38.4478, 30.9771,
26.5070


330.7848,
306.4328, 298.9464


 26.5092, 20.5814,
16.9742


 72.0935, 61.2040,
55.0858

 17.3396, 12.8184,
10.0543


 94.5313, 81.8040,
74.9689

 10.5737, 7.3036,
5.3289


 121.1995,
106.5743, 99.1391

 5.8462, 3.6527,
2.3794

152.4635,
135.8992, 128.0150

 2.7915, 1.4812,
0.7752

188.6887,
170.1630, 162.0152

 1.0445, 0.2755,
0.0000

230.2404,

 0.0000, 0.0000,

209.7504, 201.5581

0.0000

277.4840,
255.0455, 247.0623

■ 38.4478, 30.9771,
26.5070

■ 38.4478, 30.9771,
26.5070

■ 34.7286, 25.5269,
19.1378

■ 42.9849, 37.6576,
35.3988

■ 31.7763, 21.2279,
13.2041

■ 48.3820, 45.6324,
45.8900

■ 29.5380, 17.9985,
8.6127

■ 54.6813, 54.9662,
58.0544

■ 27.9530, 15.7450,
5.2588

■ 61.9214, 65.7184,
71.9608

■ 26.9504, 14.3571,
3.0219

■ 70.1388, 77.9447,
87.6739

■ 26.4304, 13.6723,
1.7533

■ 79.3679, 91.6978,
105.2554

■ 26.3674, 13.5845,
1.6148

■ 80.1044, 92.2953,
108.2006

Harmonies

Analogous

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



38.7622, 30.9771, 38.9839



38.4478, 30.9771, 26.5070



35.5783, 30.9771, 18.3857

Triad

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



38.4478, 30.9771, 26.5070



23.4353, 30.9771, 19.7904



27.7300, 30.9771, 64.3075

Complementary

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



38.4478, 30.9771, 26.5070



42.7542, 54.6283, 65.4207

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.



24.0566, 30.9771, 55.8579



38.4478, 30.9771, 26.5070



21.7514, 30.9771, 28.9686

Square

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



38.4478, 30.9771, 26.5070



26.7995, 30.9771, 15.2448



21.9666, 30.9771, 42.1559



32.2545, 30.9771, 63.1586

Rectangle

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



38.4478, 30.9771, 26.5070



32.7526, 30.9771, 15.5329



21.9666, 30.9771, 42.1559



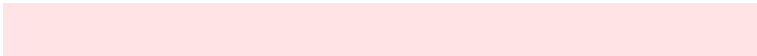
26.3639, 30.9771, 62.4230

Sweetspot

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



38.4486, 30.9786, 26.5076



82.7966, 81.8113, 85.3377



44.1703, 33.0959, 64.3816



17.4257, 17.0720, 17.6943



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.



38.4486, 30.9786, 26.5076



55.3982, 41.3961, 31.8684



43.4738, 41.5734, 26.5041



11.8382, 11.8200, 12.4240



16.2700, 8.3808, 1.0620



0.9205, 0.4729, 0.1159

Inverse Universe

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



38.4486, 30.9786, 26.5076



55.3982, 41.3961, 31.8684



35.7638, 39.6731, 66.0942



11.8382, 11.8200, 12.4240



16.2700, 8.3808, 1.0620



0.9205, 0.4729, 0.1159

Previews

White Background



This preview shows how the XYZ color 38.4478, 30.9771, 26.5070 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 38.4478, 30.9771, 26.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

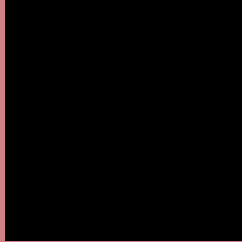
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4478, 30.9771, 26.5070

Background



This preview shows how black text looks on a background with the XYZ color 38.4478, 30.9771, 26.5070.



This preview shows how white text looks on a background with the XYZ color 38.4478, 30.9771,

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

38.4478, 30.9771, 26.5070

Protanopia

29.9652, 31.2765, 31.6518

Deuteranopia

31.8312, 31.1951, 25.8163



Tritanopia

38.6011, 30.8286, 27.9608

Trichromacy



Original Color

38.4478, 30.9771, 26.5070

Protanomaly

32.3841, 30.7119, 29.8123

Deuteranomaly

34.0365, 30.9869, 26.0170

Tritanomaly

38.5290, 30.7998, 27.5812

Monochromacy



Original Color

38.4478, 30.9771, 26.5070

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.3951, 30.9061, 31.4522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4478, 30.9771, 26.5070 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(209, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(209, 129, 134)  
}
```

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(209, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 129, 134) }
```

Border

The CSS property to change the border of an element to XYZ 38.4478, 30.9771, 26.5070 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(209, 129, 134) }
```


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

```
.border{ border-color:rgb(209, 129, 134) }
```

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

Here you see how a box with a 4 pixel rgb(209, 129, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(209, 129,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4478, 30.9771, 26.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 129, 134) }
```

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

```
.background{ background-color: rgb(209,  
129, 134) }
```

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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