

Converting Colors

YIQ(130.9090, 46.2130, 16.0130)

Have a look what the booklet for
YIQ(130.9090, 46.2130, 16.0130)
contains.

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Color

**YIQ(130.9090, 46.2130,
16.0130)**

Conversions

Conversions Part 1

Format	Color
Hex	B96C6B
RGB	185, 108, 107
RGB Percent	73%, 42%, 42%
CMY	0.2743, 0.5766, 0.5802
CMYK	0.00, 0.42, 0.42, 0.27
HSL	1°, 36%, 57%
HSV	1°, 42%, 73%
XYZ	28.0343, 22.1009, 16.7112
YIQ	130.9090, 46.2130, 16.0130

Conversions

Conversions Part 2

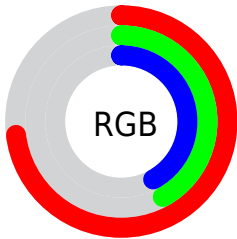
Format	Color
R_{YB}	185, 108, 107
Decimal	12151915
CIE _{Lab}	54.13, 30.53, 13.84
CIE _{LCh}	54, 33.518, 24.387
Yxy	22.1009, 0.4194, 0.3306
Android (android.graphics.Color)	4290341995 (0xFFB96C6B)
YUV	130.9090, -11.7871, 47.4378
Hunter-Lab	47.0116, 24.1741, 11.8323

Details

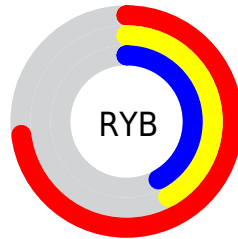
The YIQ color **130.9090, 46.2130, 16.0130** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **161.0910, -46.2130, -16.0130**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.1760, 49.8350, 16.4510**, and **80.0440, 41.3990, 15.1510** is the 20% darker color. If you saturate the color by 10%, you get **118.2910, 56.9410, 19.8290**, and if you desaturate by 10%, it is **143.6410, 35.1640, 12.5080**.

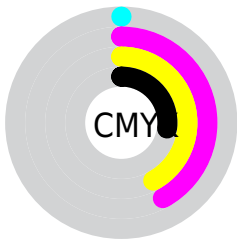
Distribution



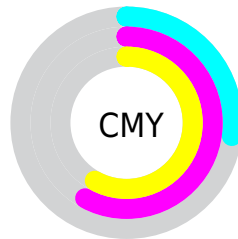
- Red (73%)
- Green (42%)
- Blue (42%)



- Red (73%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (27%)





- Cyan (27%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.9090, 46.2130, 16.0130 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 YIQ color 130.9090, 46.2130, 16.0130 by changing the saturation by 10% instead.


 130.9090, 46.2130,
16.0130


 130.9090, 46.2130,
16.0130


255.0000, -0.0000,
-0.0000


 105.1260, 44.1040,
15.6880


 184.5890, 50.1100,
16.9740

 80.0440, 41.3990,
15.1510


 207.6910, 40.8950,
13.2710


 55.3750, 38.9690,
15.1370

 227.3190, 24.2070,
7.3350

 29.7600, 36.4470,
16.7910

 247.5340, 7.2440,
0.8760

 15.2490, 30.3960,
10.8120

 3.8870, 7.7480,
2.7560

 0.0000, 0.0000,

0.0000

■ 130.9090, 46.2130,
16.0130

■ 130.9090, 46.2130,
16.0130

■ 118.2910, 56.9410,
19.8290

■ 143.6410, 35.1640,
12.5080

■ 104.9720, 68.2650,
23.8570

■ 156.8460, 24.1610,
8.1690

■ 92.3540, 78.9930,
27.6730

■ 169.5780, 13.1120,
4.6640

■ 79.6220, 90.0420,
31.1780

■ 182.1960, 2.3840,
0.8480

■ 67.0040, 100.7700,
34.9940

■ 194.9280, -8.6650,
-2.6570

■ 56.4890, 109.7100,
38.1740

■ 208.1330,
-19.6680, -6.9960

■ 220.8650,
-30.7170, -10.5010

■ 233.4830,
-41.4450, -14.3170

■ 234.0700,
-41.7200, -14.8400

Harmonies

Analogous

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



132.4320, 34.7950, 24.7070



130.9090, 46.2130, 16.0130



129.5800, 45.1610, 2.0330

Triad

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



130.9090, 46.2130, 16.0130



120.5070, -15.6300, -25.1180



122.4010, -52.1770, 3.9750

Complementary

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



130.9090, 46.2130, 16.0130



161.0910, -46.2130, -16.0130

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.



102.8310, -95.2710, -19.0070



130.9090, 46.2130, 16.0130



112.9020, -50.4750, -26.8830

Square

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



130.9090, 46.2130, 16.0130



124.9850, 12.3830, -20.6810



101.8560, -88.3920, -28.0400



130.6120, -18.6180, 18.0380

Rectangle

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



130.9090, 46.2130, 16.0130



128.1890, 38.6520, -6.6600



101.8560, -88.3920, -28.0400



117.9540, -64.2800, -2.4560

Sweetspot

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



130.9090, 46.2130, 16.0130



218.2690, 18.4760, 6.5720



139.2140, 21.4500, 40.7940



106.6810, 11.3240, 4.0280



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



130.9090, 46.2130, 16.0130



154.9510, 72.7580, 25.0300



153.2150, 35.7630, -3.8610



85.6910, 5.3640, 1.9080



47.8180, 92.4260, 32.0260



8.3720, 16.6880, 5.9360

Inverse Universe

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



161.0910, -46.2130, -16.0130



202.0490, -72.7580, -25.0300



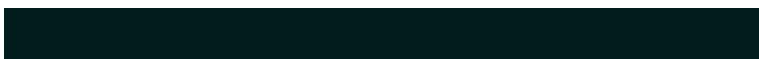
138.7850, -35.7630, 3.8610



89.3090, -5.3640, -1.9080



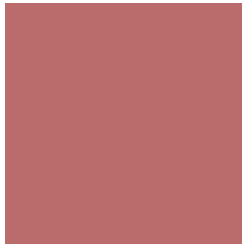
108.1820, -92.4260, -32.0260



19.6280, -16.6880, -5.9360

Previews

White Background



This preview shows how the YIQ color 130.9090, 46.2130, 16.0130 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 YIQ color 130.9090, 46.2130, 16.0130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

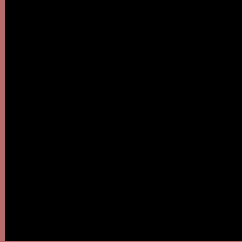
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.9090, 46.2130, 16.0130

Background



This preview shows how black text looks on a background with the YIQ color 130.9090, 46.2130, 16.0130.



This preview shows how white text looks on a background with the YIQ color 130.9090, 46.2130,

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

130.9090, 46.2130, 16.0130

Protanopia

129.5400, 7.1070, -2.1490

Deuteranopia

130.3800, 22.2370, -1.0190



Tritanopia

131.5330, 44.5160, 19.2360

Trichromacy



Original Color

130.9090, 46.2130, 16.0130

Protanomaly

129.7700, 21.3190, 4.6070

Deuteranomaly

130.5600, 30.7180, 4.9740

Tritanomaly

131.1910, 45.4790, 18.3030

Monochromacy



Original Color

130.9090, 46.2130, 16.0130

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.2580, 17.0090, 5.6250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9090, 46.2130, 16.0130 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(185, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(185, 108, 107)  
}
```

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(185, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 108, 107) }
```

Border

The CSS property to change the border of an element to YIQ 130.9090, 46.2130, 16.0130 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(185, 108, 107) }
```


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

```
.border{ border-color:rgb(185, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(185, 108,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9090, 46.2130, 16.0130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 108, 107) }
```

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

```
.background{ background-color: rgb(185,  
108, 107) }
```

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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