

Converting Colors

YIQ(130.5390, 35.2110, 6.1470)

Have a look what the booklet for
YIQ(130.5390, 35.2110, 6.1470)
contains.

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Color

**YIQ(130.5390, 35.2110,
6.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	A87566
RGB	168, 117, 102
RGB Percent	66%, 46%, 40%
CMY	0.3411, 0.5412, 0.5998
CMYK	0.00, 0.30, 0.39, 0.34
HSL	14°, 28%, 53%
HSV	14°, 39%, 66%
XYZ	24.9135, 22.0056, 15.5148
YIQ	130.5390, 35.2110, 6.1470

Conversions

Conversions Part 2

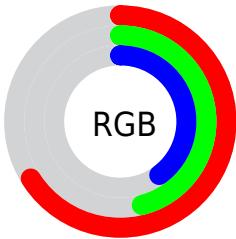
Format	Color
R_{YB}	168, 121, 102
Decimal	11040102
CIE _{Lab}	54.03, 18.12, 16.28
CIE _{LCh}	54, 24.364, 41.941
Yxy	22.0056, 0.3990, 0.3525
Android (android.graphics.Color)	4289230182 (0xFFA87566)
YUV	130.5390, -14.0697, 32.8533
Hunter-Lab	46.9101, 12.7068, 13.2278

Details

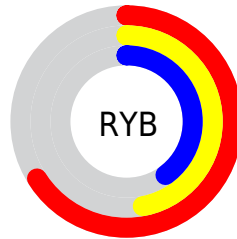
The YIQ color **130.5390, 35.2110, 6.1470** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **139.4610, -35.2110, -6.1470**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.9200, 38.5120, 6.8960**, and **80.2720, 31.5890, 5.7090** is the 20% darker color. If you saturate the color by 10%, you get **120.9700, 44.2430, 7.6590**, and if you desaturate by 10%, it is **140.1080, 26.1790, 4.6350**.

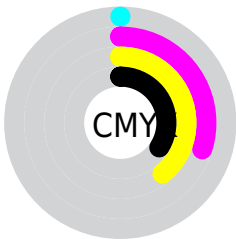
Distribution



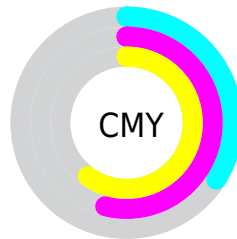
- Red (66%)
- Green (46%)
- Blue (40%)



- Red (66%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (34%)





- Cyan (34%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.5390, 35.2110, 6.1470 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 130.5390, 35.2110, 6.1470 by changing the saturation by 10% instead.


 130.5390, 35.2110,
6.1470


 130.5390, 35.2110,
6.1470


255.0000, -0.0000,
-0.0000


 105.0550, 33.6980,
6.0340


 183.9200, 38.5120,
6.8960

 80.2720, 31.5890,
5.7090


 212.1050, 39.4290,
6.7970


 57.1900, 28.8840,
5.1720

 231.9180, 23.6580,
0.7620

 34.2930, 27.0960,
4.5360

 251.6600, 6.6490,
-4.8630

 11.9600, 23.8400,
8.4800

 0.0000, 0.0000,
0.0000

130.5390, 35.2110,
6.1470

130.5390, 35.2110,
6.1470

120.9700, 44.2430,
7.6590

140.1080, 26.1790,
4.6350

111.4010, 53.2750,
9.1710

149.6770, 17.1470,
3.1230

101.9460, 61.9860,
10.9940

159.1320, 8.4360,
1.3000

92.3770, 71.0180,
12.5060

168.7010, -0.5960,
-0.2120

82.8080, 80.0500,
14.0180

178.2700, -9.6280,
-1.7240

73.2390, 89.0820,
15.5300

187.8390,
-18.6600, -3.2360

72.5380, 89.6780,
15.7420

197.4080,
-27.6920, -4.7480

206.8630,

-36.4030, -6.5710

■ 216.4320,
-45.4350, -8.0830

Harmonies

Analogous

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



131.8410, 31.7250, 14.2610



130.5390, 35.2110, 6.1470



128.8060, 29.6650, -3.4790

Triad

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



130.5390, 35.2110, 6.1470



121.6020, -22.9670, -18.7990



128.6020, -21.8260, 10.0940

Complementary

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



130.5390, 35.2110, 6.1470



139.4610, -35.2110, -6.1470

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.



123.6270, -41.3100, -0.2380



130.5390, 35.2110, 6.1470



118.4180, -42.8200, -16.9320

Square

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



130.5390, 35.2110, 6.1470



124.3780, -1.7850, -17.2170



118.3280, -51.0740, -10.5140



132.1380, 0.2720, 17.1040

Rectangle

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



130.5390, 35.2110, 6.1470



127.8110, 22.1010, -9.5710



118.3280, -51.0740, -10.5140



127.4870, -28.9320, 6.7160

Sweetspot

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



130.5390, 35.2110, 6.1470



204.2960, 13.8460, 2.3740



127.6620, 22.6440, 30.1640



101.1320, 8.4360, 1.3000



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



130.5390, 35.2110, 6.1470



160.8850, 54.7880, 9.2840



149.3230, 26.4110, -10.5890



79.5660, 4.2180, 0.6500



63.6230, 79.1330, 14.1170



8.9150, 10.5450, 1.6250

Inverse Universe

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



139.4610, -35.2110, -6.1470



174.7020, -55.0630, -9.8070



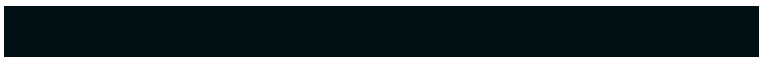
120.6770, -26.4110, 10.5890



80.4340, -4.2180, -0.6500



83.7900, -78.8580, -13.5940



11.6720, -10.8200, -2.1480

Previews

White Background



This preview shows how the YIQ color 130.5390, 35.2110, 6.1470 looks on a white background.

Color Contrast Check

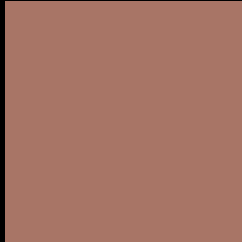
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5390, 35.2110, 6.1470 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 130.5390, 35.2110, 6.1470

Background



This preview shows how black text looks on a background with the YIQ color 130.5390, 35.2110, 6.1470.



This preview shows how white text looks on a background with the YIQ color 130.5390, 35.2110,

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

130.5390, 35.2110, 6.1470

Protanopia

128.9980, 11.5090, -4.8350

Deuteranopia

129.7500, 24.0710, -1.2170



Tritanopia

131.7700, 30.4870, 14.6710

Trichromacy



Original Color

130.5390, 35.2110, 6.1470

Protanomaly

129.7110, 19.8070, -1.0330

Deuteranomaly

129.7830, 28.4720, 1.6240

Tritanomaly

131.1460, 32.1840, 11.4480

Monochromacy



Original Color

130.5390, 35.2110, 6.1470

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.6980, 12.6540, 1.9500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5390, 35.2110, 6.1470 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(168, 117, 102)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 102)  
}
```

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(168, 117, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 102) }
```

Border

The CSS property to change the border of an element to YIQ 130.5390, 35.2110, 6.1470 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(168, 117, 102) }
```


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

```
.border{ border-color:rgb(168, 117, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 117, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 117, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 117, 102);  
box-shadow:4px 4px 4px 4px rgb(168, 117,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5390, 35.2110, 6.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 102) }
```

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

```
.background{ background-color: rgb(168,  
117, 102) }
```

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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