

Converting Colors

YIQ(120.8200, 53.4130, 6.6690)

Have a look what the booklet for
YIQ(120.8200, 53.4130, 6.6690)
contains.

YIQ(120.8200, 53.4130, 6.6690)	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

**YIQ(120.8200, 53.4130,
6.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	B06649
RGB	176, 102, 73
RGB Percent	69%, 40%, 29%
CMY	0.3096, 0.6001, 0.7135
CMYK	0.00, 0.42, 0.58, 0.31
HSL	17°, 41%, 49%
HSV	17°, 58%, 69%
XYZ	23.8665, 19.2133, 8.7644
YIQ	120.8200, 53.4130, 6.6690

Conversions

Conversions Part 2

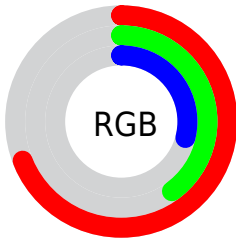
Format	Color
R_{YB}	176, 113, 73
Decimal	11560521
CIE Lab	50.94, 26.93, 29.05
CIE LCh	51, 39.611, 47.175
Yxy	19.2133, 0.4604, 0.3706
Android (android.graphics.Color)	4289750601 (0xFFB06649)
YUV	120.8200, -23.5753, 48.3929
Hunter-Lab	43.8329, 20.4835, 18.8281

Details

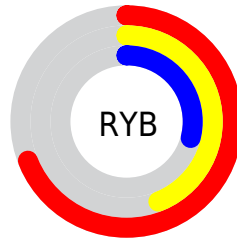
The YIQ color **120.8200, 53.4130, 6.6690** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **128.1800, -53.4130, -6.6690**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5710, 58.5480, 7.2200**, and **70.4710, 47.0860, 5.6940** is the 20% darker color. If you saturate the color by 10%, you get **111.1370, 62.7660, 7.8700**, and if you desaturate by 10%, it is **130.5030, 44.0600, 5.4680**.

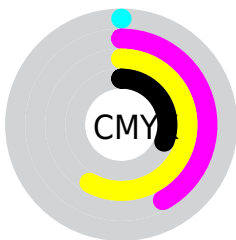
Distribution



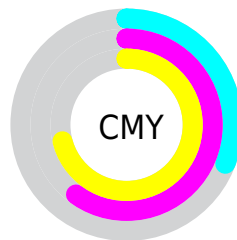
- Red (69%)
- Green (40%)
- Blue (29%)



- Red (69%)
- Yellow (44%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (58%)
- Black (31%)




- Cyan (31%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.8200, 53.4130, 6.6690 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 120.8200, 53.4130, 6.6690 by changing the saturation by 10% instead.


 120.8200, 53.4130,
6.6690


 120.8200, 53.4130,
6.6690


255.0000, -0.0000,
-0.0000


 94.8520, 50.3870,
6.4430


 174.5710, 58.5480,
7.2200


 70.4710, 47.0860,
5.6940


 199.3640, 54.6970,
5.4250


 45.5740, 45.2980,
5.0580

 218.8780, 38.3300,
-0.8220

 22.9570, 37.0900,
10.6420

 238.3920, 21.9630,
-7.0690

 12.6720, 24.7110,
9.2150

 252.2640, 7.7040,
-7.4640

 0.0000, 0.0000,
0.0000

120.8200, 53.4130,
6.6690

120.8200, 53.4130,
6.6690

111.1370, 62.7660,
7.8700

130.5030, 44.0600,
5.4680

102.1550, 71.5230,
8.8590

139.4850, 35.3030,
4.4790

92.4720, 80.8760,
10.0600

149.1680, 25.9500,
3.2780

82.9030, 89.9080,
11.5720

158.7370, 16.9180,
1.7660

81.3870, 91.4210,
11.6850

167.8330, 7.8400,
1.0880

177.5160, -1.5130,
-0.1130

187.0850,
-10.5450, -1.6250

196.1810,

-19.6230, -2.3030

■ 205.7500,
-28.6550, -3.8150

Harmonies

Analogous

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



121.6480, 51.6220, 22.6140



120.8200, 53.4130, 6.6690



119.1200, 43.1000, -10.1800

Triad

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



120.8200, 53.4130, 6.6690



98.9560, -59.7350, -35.2790



120.3700, -32.5560, 17.3320

Complementary

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



120.8200, 53.4130, 6.6690



128.1800, -53.4130, -6.6690

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.



97.0410, -95.5020, -9.3100



120.8200, 53.4130, 6.6690



96.9660, -82.8900, -28.6340

Square

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



120.8200, 53.4130, 6.6690



111.6230, -10.2650, -28.7370



99.2120, -91.9700, -18.2580



125.0390, 5.4050, 28.7090

Rectangle

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



120.8200, 53.4130, 6.6690



117.6080, 29.6220, -19.2260



99.2120, -91.9700, -18.2580



116.3680, -47.4100, 11.1980

Sweetspot

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



120.8200, 53.4130, 6.6690



207.6020, 21.7320, 2.6280



112.4610, 36.9920, 45.4720



101.5840, 12.9750, 1.6390



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



120.8200, 53.4130, 6.6690



143.5540, 83.5810, 10.5970



150.1700, 39.6630, -19.4810



84.4520, 4.5390, 0.3390



70.9880, 79.3630, 9.9470



11.8830, 13.5710, 1.8510

Inverse Universe

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



128.1800, -53.4130, -6.6690



154.8590, -83.3060, -10.0740



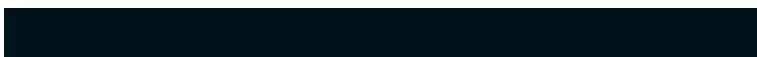
98.8300, -39.6630, 19.4810



85.1350, -4.8140, -0.8620



82.0120, -79.3630, -9.9470



13.5300, -13.2960, -1.3280

Previews

White Background



This preview shows how the YIQ color 120.8200, 53.4130, 6.6690 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 120.8200, 53.4130, 6.6690 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 120.8200, 53.4130, 6.6690

Background



This preview shows how black text looks on a background with the YIQ color 120.8200, 53.4130, 6.6690.



This preview shows how white text looks on a background with the YIQ color 120.8200, 53.4130,

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

120.8200, 53.4130, 6.6690

Protanopia

120.3160, 19.1210, -10.6310

Deuteranopia

120.3240, 33.8380, -7.5220



Tritanopia

122.7180, 45.4330, 19.1370

Trichromacy



Original Color

120.8200, 53.4130, 6.6690

Protanomaly

120.6490, 31.5450, -4.5110

Deuteranomaly

120.4930, 40.8520, -2.4760

Tritanomaly

121.6380, 48.4140, 14.6700

Monochromacy



Original Color

120.8200, 53.4130, 6.6690

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.9330, 19.3020, 2.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.8200, 53.4130, 6.6690 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(176, 102, 73)` looks like.

```
.text, #text, p{  
    color:rgb(176, 102, 73)  
}
```

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(176, 102, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 102, 73) }
```

Border

The CSS property to change the border of an element to YIQ 120.8200, 53.4130, 6.6690 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(176, 102, 73) }
```


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

```
.border{ border-color:rgb(176, 102, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 102, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 102, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 102, 73);  
box-shadow:4px 4px 4px 4px rgb(176, 102,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 120.8200, 53.4130, 6.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 102, 73) }
```

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

```
.background{ background-color: rgb(176,  
102, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor