

Converting Colors

YIQ(116.3890, 53.5490, 15.2210)

Have a look what the booklet for
YIQ(116.3890, 53.5490, 15.2210)
contains.

YIQ(116.3890, 53.5490, 15.2210)	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(116.3890, 53.5490,
15.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	B15C53
RGB	177, 92, 83
RGB Percent	69%, 36%, 33%
CMY	0.3057, 0.6393, 0.6743
CMYK	0.00, 0.48, 0.53, 0.31
HSL	6°, 38%, 51%
HSV	6°, 53%, 69%
XYZ	23.5304, 17.6265, 10.3570
YIQ	116.3890, 53.5490, 15.2210

Conversions

Conversions Part 2

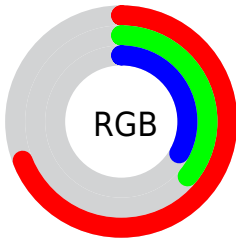
Format	Color
R_{YB}	177, 93, 83
Decimal	11623507
CIE _{Lab}	49.04, 33.61, 20.84
CIE _{LCh}	49, 39.548, 31.802
Yxy	17.6265, 0.4568, 0.3422
Android (android.graphics.Color)	4289813587 (0xFFB15C53)
YUV	116.3890, -16.4608, 53.1558
Hunter-Lab	41.9839, 26.5708, 14.7625

Details

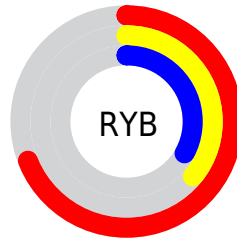
The YIQ color **116.3890, 53.5490, 15.2210** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **143.6110, -53.5490, -15.2210**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2540, 58.3630, 16.0830**, and **65.4530, 47.4970, 14.7690** is the 20% darker color. If you saturate the color by 10%, you get **104.9450, 63.7270, 17.9910**, and if you desaturate by 10%, it is **127.8330, 43.3710, 12.4510**.

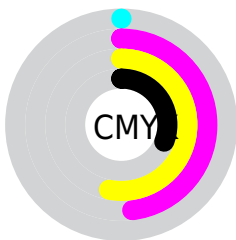
Distribution



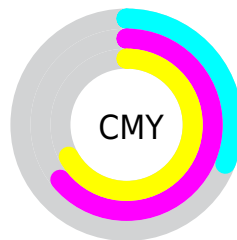
- Red (69%)
- Green (36%)
- Blue (33%)



- Red (69%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (31%)





- Cyan (31%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 116.3890, 53.5490, 15.2210 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 116.3890, 53.5490, 15.2210 by changing the saturation by 10% instead.


 116.3890, 53.5490,
15.2210

 116.3890, 53.5490,
15.2210


255.0000, -0.0000,
-0.0000


 90.4210, 50.5230,
14.9950


 170.2540, 58.3630,
16.0830

 65.4530, 47.4970,
14.7690


 194.7480, 53.9160,
14.0760


 39.8380, 44.9750,
16.4230

 214.2620, 37.5490,
7.8290

 19.7340, 39.3360,
13.9920

 233.7760, 21.1820,
1.5820

 12.6720, 24.7110,
9.2150

 253.5180, 4.1730,
-4.0430

 0.0000, 0.0000,
0.0000

■ 116.3890, 53.5490,
15.2210

■ 116.3890, 53.5490,
15.2210

■ 104.9450, 63.7270,
17.9910

■ 127.8330, 43.3710,
12.4510

■ 93.6150, 73.5840,
21.0720

■ 139.1630, 33.5140,
9.3700

■ 82.1710, 83.7620,
23.8420

■ 150.6070, 23.3360,
6.6000

■ 70.7270, 93.9400,
26.6120

■ 162.0510, 13.1580,
3.8300

■ 62.9020, 100.8170,
28.6330

■ 173.4950, 2.9800,
1.0600

■ 184.8250, -6.8770,
-2.0210

■ 196.2690,
-17.0550, -4.7910

■ 207.7130,

-27.2330, -7.5610

■ 219.0430,
-37.0900, -10.6420

Harmonies

Analogous

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



118.1020, 44.6520, 27.7880



116.3890, 53.5490, 15.2210



115.2120, 49.0130, -1.6990

Triad

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



116.3890, 53.5490, 15.2210



102.9180, -30.2090, -30.7290



108.0570, -56.9000, 6.9720

Complementary

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



116.3890, 53.5490, 15.2210



143.6110, -53.5490, -15.2210

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.



95.0860, -91.3750, -12.5190



116.3890, 53.5490, 15.2210



91.5230, -74.4530, -32.8610

Square

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



116.3890, 53.5490, 15.2210



109.7730, 6.9280, -26.4480



95.2850, -85.0460, -22.5980



118.8240, -13.1630, 23.8050

Rectangle

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



116.3890, 53.5490, 15.2210



114.2720, 39.6160, -13.1200



95.2850, -85.0460, -22.5980



97.5480, -83.6280, -4.2360

Sweetspot

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



116.3890, 53.5490, 15.2210



205.8240, 21.2270, 6.2750



120.9100, 28.4180, 46.6740



100.7520, 12.5620, 3.6180



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.



116.3890, 53.5490, 15.2210



135.1710, 83.7620, 23.8420



143.3910, 40.8990, -8.8370



83.2780, 5.0890, 1.3850



54.5520, 87.0630, 24.5910



8.9480, 14.9460, 4.4660

Inverse Universe

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



143.6110, -53.5490, -15.2210



177.8290, -83.7620, -23.8420



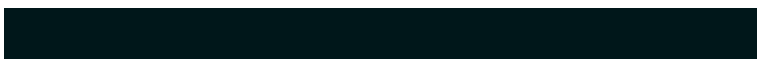
116.6090, -40.8990, 8.8370



85.7220, -5.0890, -1.3850



98.4480, -87.0630, -24.5910



16.4650, -14.6710, -3.9430

Previews

White Background



This preview shows how the YIQ color 116.3890, 53.5490, 15.2210 looks on a white background.

Color Contrast Check

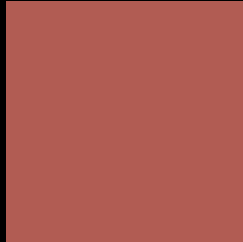
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 116.3890, 53.5490, 15.2210 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 116.3890, 53.5490, 15.2210

Background



This preview shows how black text looks on a background with the YIQ color 116.3890, 53.5490, 15.2210.



This preview shows how white text looks on a background with the YIQ color 116.3890, 53.5490,

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

116.3890, 53.5490, 15.2210

Protanopia

116.4710, 11.5550, -5.6690

Deuteranopia

116.6100, 27.2810, -4.3270



Tritanopia

116.9960, 50.5220, 20.5220

Trichromacy



Original Color

116.3890, 53.5490, 15.2210

Protanomaly

116.4130, 26.6380, 1.8220

Deuteranomaly

116.5020, 36.6330, 2.4010

Tritanomaly

117.0130, 51.8520, 18.4440

Monochromacy



Original Color

116.3890, 53.5490, 15.2210

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9270, 19.4390, 5.6390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.3890, 53.5490, 15.2210 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(177, 92, 83)` looks like.

```
.text, #text, p{  
    color:rgb(177, 92, 83)  
}
```

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(177, 92, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 92, 83) }
```

Border

The CSS property to change the border of an element to YIQ 116.3890, 53.5490, 15.2210 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(177, 92, 83) }
```


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

```
.border{ border-color:rgb(177, 92, 83) }
```

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

Here you see how a box with a 4 pixel rgb(177, 92, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 92, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 92, 83);  
box-shadow:4px 4px 4px 4px rgb(177, 92,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 116.3890, 53.5490, 15.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 92, 83) }
```

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

```
.background{ background-color: rgb(177, 92,  
83) }
```

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