

Converting Colors

YIQ(141.1790, 53.7800, 5.5240)

Have a look what the booklet for
YIQ(141.1790, 53.7800, 5.5240)
contains.

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Color

**YIQ(141.1790, 53.7800,
5.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	C47B5B
RGB	196, 123, 91
RGB Percent	77%, 48%, 36%
CMY	0.2312, 0.5177, 0.6429
CMYK	0.00, 0.37, 0.54, 0.23
HSL	18°, 47%, 56%
HSV	18°, 54%, 77%
XYZ	31.7452, 26.6557, 13.3832
YIQ	141.1790, 53.7800, 5.5240

Conversions

Conversions Part 2

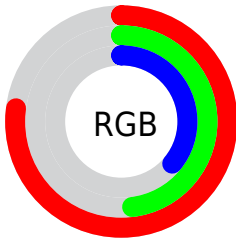
Format	Color
R_{YB}	196, 137, 91
Decimal	12876635
CIE Lab	58.65, 25.12, 29.27
CIE LCh	59, 38.577, 49.362
Yxy	26.6557, 0.4422, 0.3713
Android (android.graphics.Color)	4291066715 (0xFFC47B5B)
YUV	141.1790, -24.7382, 48.0780
Hunter-Lab	51.6291, 19.4034, 20.7714

Details

The YIQ color **141.1790, 53.7800, 5.5240** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **145.8210, -53.7800, -5.5240**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.7450, 57.9980, 6.1740**, and **89.4280, 48.6450, 4.9730** is the 20% darker color. If you saturate the color by 10%, you get **130.6810, 64.0500, 6.6260**, and if you desaturate by 10%, it is **151.6770, 43.5100, 4.4220**.

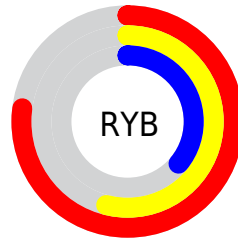
Distribution



Red (77%)

Green (48%)

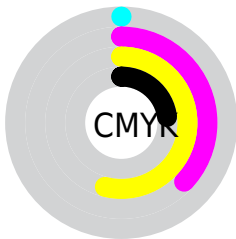
Blue (36%)



Red (77%)

Yellow (54%)

Blue (36%)

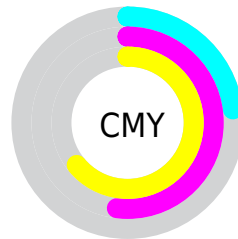


Cyan (0%)

Magenta (37%)

Yellow (54%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.1790, 53.7800, 5.5240 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 141.1790, 53.7800, 5.5240 by changing the saturation by 10% instead.


 141.1790, 53.7800,
5.5240


 141.1790, 53.7800,
5.5240


255.0000, -0.0000,
-0.0000

 115.0970, 51.0750,
4.9870


 195.7450, 57.9980,
6.1740

 89.4280, 48.6450,
4.9730


 215.1450, 41.9520,
-0.3840

 65.1610, 45.0230,
4.5350


 234.7730, 25.2640,
-6.3200

 40.9650, 42.6390,
3.6870

 251.4660, 9.9510,
-9.6410

 19.3910, 32.8720,
9.9920

254.6580, 0.9630,
-0.9330

 9.9810, 19.3470,
7.3070

 0.0000, 0.0000,

0.0000

■ 141.1790, 53.7800,
5.5240

■ 141.1790, 53.7800,
5.5240

■ 130.6810, 64.0500,
6.6260

■ 151.6770, 43.5100,
4.4220

■ 120.8840, 73.7240,
7.5160

■ 161.4740, 33.8360,
3.5320

■ 110.3860, 83.9940,
8.6180

■ 171.9720, 23.5660,
2.4300

■ 100.0020, 93.9430,
10.0310

■ 182.3560, 13.6170,
1.0170

■ 93.8240, 100.3160,
10.1720

■ 192.2670, 3.6220,
0.4380

■ 202.7650, -6.6480,
-0.6640

■ 212.5620,
-16.3220, -1.5540

■ 223.0600,
-26.5920, -2.6560

■ 232.0760,
-32.6890, -7.8010

Harmonies

Analogous

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



142.7790, 52.6310, 20.8470



141.1790, 53.7800, 5.5240



139.4080, 42.2290, -10.9150

Triad

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



141.1790, 53.7800, 5.5240



122.1740, -54.4170, -32.5370



141.4630, -28.3840, 18.8160

Complementary

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



141.1790, 53.7800, 5.5240



145.8210, -53.7800, -5.5240

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.



128.1150, -71.9830, -0.5190



141.1790, 53.7800, 5.5240



111.8010, -95.7270, -32.7750

Square

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



141.1790, 53.7800, 5.5240



131.8400, -12.3740, -29.0620



112.7590, -103.9360, -21.6640



145.0070, 8.4310, 28.9350

Rectangle

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



141.1790, 53.7800, 5.5240



137.7110, 27.8340, -19.8620



112.7590, -103.9360, -21.6640



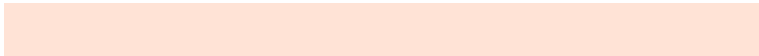
138.1730, -42.3670, 13.4170

Sweetspot

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



141.1790, 53.7800, 5.5240



233.8900, 20.8610, 1.8930



130.8310, 38.8260, 45.2740



115.1710, 12.7000, 1.1160



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



141.1790, 53.7800, 5.5240



169.5000, 83.6730, 8.9290



171.7030, 39.4800, -21.6720



91.7510, 5.1350, 0.5510



76.9020, 82.4810, 8.5050



15.7370, 16.9180, 1.7660

Inverse Universe

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



145.8210, -53.7800, -5.5240



176.9130, -83.3980, -8.4060



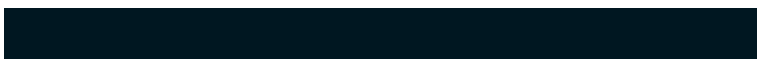
115.2970, -39.4800, 21.6720



92.2490, -5.1350, -0.5510



84.0980, -82.4810, -8.5050



17.2630, -16.9180, -1.7660

Previews

White Background



This preview shows how the YIQ color 141.1790, 53.7800, 5.5240 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 141.1790, 53.7800, 5.5240 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 141.1790, 53.7800, 5.5240

Background



This preview shows how black text looks on a background with the YIQ color 141.1790, 53.7800, 5.5240.



This preview shows how white text looks on a background with the YIQ color 141.1790, 53.7800,

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

141.1790, 53.7800, 5.5240

Protanopia

139.8000, 20.6340, -10.5180

Deuteranopia

140.5200, 36.2220, -6.6740



Tritanopia

143.2450, 45.3870, 19.9710

Trichromacy



Original Color

141.1790, 53.7800, 5.5240

Protanomaly

140.1330, 33.0580, -4.3980

Deuteranomaly

140.9770, 42.3650, -2.3630

Tritanomaly

142.6380, 48.4140, 14.6700

Monochromacy



Original Color

141.1790, 53.7800, 5.5240

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.8190, 19.6230, 2.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.1790, 53.7800, 5.5240 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(196, 123, 91)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 91)  
}
```

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(196, 123, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 91) }
```

Border

The CSS property to change the border of an element to YIQ 141.1790, 53.7800, 5.5240 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(196, 123, 91) }
```


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

```
.border{ border-color:rgb(196, 123, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 123, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 91);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 141.1790, 53.7800, 5.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 91) }
```

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

```
.background{ background-color: rgb(196,  
123, 91) }
```

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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