

Converting Colors

YIQ(114.8740, 62.4890, 18.4010)

Have a look what the booklet for
YIQ(114.8740, 62.4890, 18.4010)
contains.

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Color

**YIQ(114.8740, 62.4890,
18.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	BA564D
RGB	186, 86, 77
RGB Percent	73%, 34%, 30%
CMY	0.2704, 0.6629, 0.6978
CMYK	0.00, 0.54, 0.59, 0.27
HSL	5°, 44%, 52%
HSV	5°, 59%, 73%
XYZ	24.9304, 17.6321, 9.1226
YIQ	114.8740, 62.4890, 18.4010

Conversions

Conversions Part 2

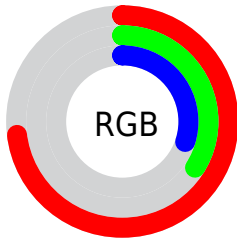
Format	Color
RYB	186, 87, 77
Decimal	12211789
CIELab	49.05, 39.69, 24.63
CIElCh	49, 46.711, 31.829
Yxy	17.6321, 0.4824, 0.3411
Android (android.graphics.Color)	4290401869 (0xFFBA564D)
YUV	114.8740, -18.6719, 62.3775
Hunter-Lab	41.9906, 32.4942, 16.5125

Details

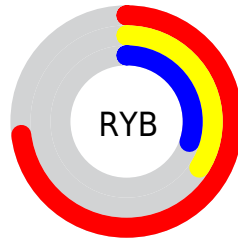
The YIQ color **114.8740, 62.4890, 18.4010** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **148.1260, -62.4890, -18.4010**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.9240, 68.2200, 19.1640**, and **62.5790, 56.0700, 19.0940** is the 20% darker color. If you saturate the color by 10%, you get **102.7290, 73.2630, 21.3830**, and if you desaturate by 10%, it is **127.0190, 51.7150, 15.4190**.

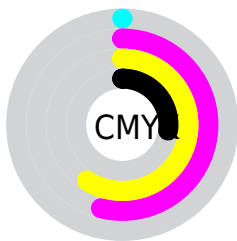
Distribution



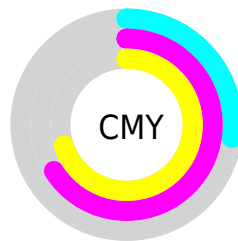
- Red (73%)
- Green (34%)
- Blue (30%)



- Red (73%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (27%)



- Cyan (27%)
- Magenta (66%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.8740, 62.4890, 18.4010 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 114.8740, 62.4890, 18.4010 by changing the saturation by 10% instead.


 114.8740, 62.4890,
18.4010


 114.8740, 62.4890,
18.4010


255.0000, -0.0000,
-0.0000


 88.3190, 59.7380,
18.6980


 168.9240, 68.2200,
19.1640


 62.5790, 56.0700,
19.0940


 190.4280, 57.8130,
15.0370


 32.6160, 54.6480,
22.8400

 209.9420, 41.4460,
8.7900

 21.2290, 42.3160,
15.0520

 230.0430, 24.8040,
2.0200

 14.2810, 27.3700,
10.5860

 250.3720, 7.5200,
-4.1280

 0.0000, 0.0000,
0.0000

■ 114.8740, 62.4890,
18.4010

■ 114.8740, 62.4890,
18.4010

■ 102.7290, 73.2630,
21.3830

■ 127.0190, 51.7150,
15.4190

■ 90.6980, 83.7160,
24.6760

■ 139.0500, 41.2620,
12.1260

■ 78.5530, 94.4900,
27.6580

■ 151.1950, 30.4880,
9.1440

■ 66.5220, 104.9430,
30.9510

■ 163.2260, 20.0350,
5.8510

■ 64.4190, 106.7310,
31.5870


■ 175.3710, 9.2610,
2.8690

■ 187.5160, -1.5130,
-0.1130

■ 200.1340,
-12.2410, -3.9290

■ 212.2790,

-23.0150, -6.9110

 224.4240,
-33.7890, -9.8930

Harmonies

Analogous

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



116.0970, 52.2160, 33.8800



114.8740, 62.4890, 18.4010



114.4640, 56.9910, -3.1130

Triad

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



114.8740, 62.4890, 18.4010



97.3140, -40.4320, -38.1920



99.6610, -82.2080, 3.0720

Complementary

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



114.8740, 62.4890, 18.4010



148.1260, -62.4890, -18.4010

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.



97.5140, -95.4560, -10.1440



114.8740, 62.4890, 18.4010



93.2840, -75.2780, -34.4300

Square

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



114.8740, 62.4890, 18.4010



107.4970, 7.5250, -31.7630



97.1430, -87.5220, -21.7780



118.7900, -15.8230, 27.9610

Rectangle

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



114.8740, 62.4890, 18.4010



112.8720, 46.4940, -16.6260



97.1430, -87.5220, -21.7780



95.0180, -96.6950, -4.2070

Sweetspot

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



114.8740, 62.4890, 18.4010



213.6180, 24.8030, 7.5470



121.2190, 32.2220, 54.8300



104.8340, 15.2670, 4.1550



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



114.8740, 62.4890, 18.4010



131.7490, 96.8740, 28.5060



145.9850, 47.9140, -9.3180



85.6910, 5.3640, 1.9080



54.2750, 89.4010, 26.2730



9.5460, 16.1380, 4.8900

Inverse Universe

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



148.1260, -62.4890, -18.4010



183.2510, -96.8740, -28.5060



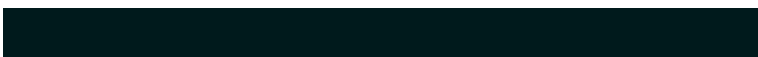
117.0150, -47.9140, 9.3180



88.7220, -5.0890, -1.3850



101.7250, -89.4010, -26.2730



18.4540, -16.1380, -4.8900

Previews

White Background



This preview shows how the YIQ color 114.8740, 62.4890, 18.4010 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 114.8740, 62.4890, 18.4010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

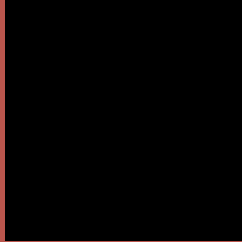
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 114.8740, 62.4890, 18.4010

Background



This preview shows how black text looks on a background with the YIQ color 114.8740, 62.4890, 18.4010.



This preview shows how white text looks on a background with the YIQ color 114.8740, 62.4890,

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

114.8740, 62.4890, 18.4010

Protanopia

116.3140, 13.4350, -6.7010

Deuteranopia

116.4100, 30.7200, -6.0800



Tritanopia

115.4810, 59.4620, 23.7020

Trichromacy



Original Color

114.8740, 62.4890, 18.4010

Protanomaly

115.8650, 31.1770, 2.1610

Deuteranomaly

116.1390, 42.0890, 2.6410

Tritanomaly

115.4980, 60.7920, 21.6240

Monochromacy



Original Color

114.8740, 62.4890, 18.4010

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.7210, 23.0150, 6.9110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.8740, 62.4890, 18.4010 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(186, 86, 77)` looks like.

```
.text, #text, p{  
    color:rgb(186, 86, 77)  
}
```

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(186, 86, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 86, 77) }
```

Border

The CSS property to change the border of an element to YIQ 114.8740, 62.4890, 18.4010 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(186, 86, 77) }
```


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

```
.border{ border-color:rgb(186, 86, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 86, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 86, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 86, 77);  
box-shadow:4px 4px 4px 4px rgb(186, 86,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 114.8740, 62.4890, 18.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 86, 77) }
```

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

```
.background{ background-color: rgb(186, 86,  
77) }
```

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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