

Converting Colors

YIQ(124.4850, 61.6660, 5.7780)

Have a look what the booklet for
YIQ(124.4850, 61.6660, 5.7780)
contains.

YIQ(124.4850, 61.6660, 5.7780)	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(124.4850, 61.6660,
5.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	BB6842
RGB	187, 104, 66
RGB Percent	73%, 41%, 26%
CMY	0.2665, 0.5923, 0.7409
CMYK	0.00, 0.44, 0.65, 0.27
HSL	19°, 48%, 50%
HSV	19°, 65%, 73%
XYZ	26.4366, 20.8581, 7.7977
YIQ	124.4850, 61.6660, 5.7780

Conversions

Conversions Part 2

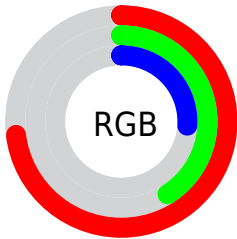
Format	Color
R_{YB}	187, 121, 66
Decimal	12281922
CIE Lab	52.79, 29.86, 35.56
CIE LCh	53, 46.428, 49.979
Yxy	20.8581, 0.4799, 0.3786
Android (android.graphics.Color)	4290472002 (0xFFBB6842)
YUV	124.4850, -28.8331, 54.8257
Hunter-Lab	45.6707, 23.4013, 21.8464

Details

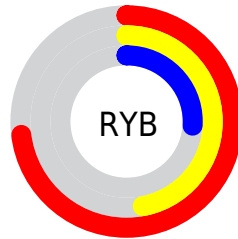
The YIQ color **124.4850, 61.6660, 5.7780** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **128.5150, -61.6660, -5.7780**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5350, 67.3970, 6.5410**, and **73.1360, 55.3390, 4.8030** is the 20% darker color. If you saturate the color by 10%, you get **114.6880, 71.3400, 6.6680**, and if you desaturate by 10%, it is **134.2820, 51.9920, 4.8880**.

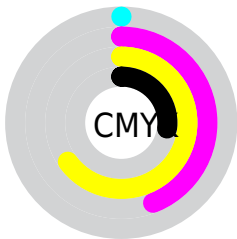
Distribution



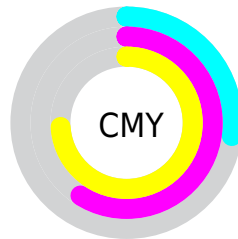
- Red (73%)
- Green (41%)
- Blue (26%)



- Red (73%)
- Yellow (47%)
- Blue (26%)



- Cyan (0%)
- Magenta (44%)
- Yellow (65%)
- Black (27%)



- Cyan (27%)
- Magenta (59%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.4850, 61.6660, 5.7780 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 124.4850, 61.6660, 5.7780 by changing the saturation by 10% instead.

124.4850, 61.6660,
5.7780

124.4850, 61.6660,
5.7780

255.0000, -0.0000,
-0.0000

98.5170, 58.6400,
5.5520

178.5350, 67.3970,
6.5410

73.1360, 55.3390,
4.8030

199.7400, 56.3940,
2.2020

48.3960, 51.6710,
5.1990

219.2540, 40.0270,
-4.0450

25.3490, 41.8580,
12.3380

239.3550, 23.3850,
-10.8150

14.0530, 28.0120,
9.9640

251.3520, 10.2720,
-9.9520

0.0000, 0.0000,
0.0000

254.6580, 0.9630,

-0.9330

■ 124.4850, 61.6660,
5.7780

■ 124.4850, 61.6660,
5.7780

■ 114.6880, 71.3400,
6.6680

■ 134.2820, 51.9920,
4.8880

■ 105.0050, 80.6930,
7.8690

■ 143.9650, 42.6390,
3.6870

■ 95.2080, 90.3670,
8.7590

■ 153.7620, 32.9650,
2.7970

■ 90.5460, 95.2270,
8.7870

■ 162.9720, 23.5660,
2.4300

■ 172.7690, 13.8920,
1.5400

■ 182.4520, 4.5390,
0.3390

■ 192.2490, -5.1350,
-0.5510

■ 202.0460,
-14.8090, -1.4410

■ 211.7290,
-24.1620, -2.6420

Harmonies

Analogous

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



125.3180, 61.4790, 25.6950



124.4850, 61.6660, 5.7780



122.7090, 48.5110, -14.6330

Triad

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



124.4850, 61.6660, 5.7780



97.7690, -75.5060, -41.3140



125.3360, -35.2160, 21.4880

Complementary

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



124.4850, 61.6660, 5.7780



128.5150, -61.6660, -5.7780

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.



101.9140, -102.3340, -6.6380



124.4850, 61.6660, 5.7780



103.0300, -88.9420, -29.0860

Square

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



124.4850, 61.6660, 5.7780



112.8130, -16.9120, -34.9280



104.5580, -98.7560, -16.4200



130.3650, 10.5390, 34.7870

Rectangle

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



124.4850, 61.6660, 5.7780



120.5880, 32.3740, -25.0500



104.5580, -98.7560, -16.4200



120.3550, -54.5630, 14.1810

Sweetspot

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



124.4850, 61.6660, 5.7780



218.5590, 23.2910, 1.9070



111.8690, 44.8310, 52.0870



107.6550, 14.2130, 1.2290



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.



124.4850, 61.6660, 5.7780



144.1440, 96.4190, 9.2110



159.1180, 45.4410, -25.0790



89.4520, 4.5390, 0.3390



76.5920, 80.4180, 7.3460



15.1390, 15.7260, 1.3420

Inverse Universe

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



128.5150, -61.6660, -5.7780



150.8560, -96.4190, -9.2110



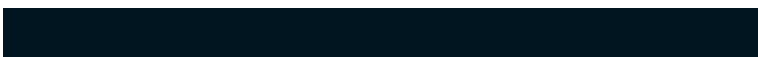
93.8820, -45.4410, 25.0790



89.5480, -4.5390, -0.3390



81.9950, -80.6930, -7.8690



15.8610, -15.7260, -1.3420

Previews

White Background



This preview shows how the YIQ color 124.4850, 61.6660, 5.7780 looks on a white background.

Color Contrast Check

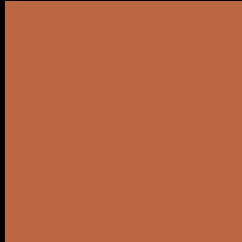
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.4850, 61.6660, 5.7780 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 124.4850, 61.6660, 5.7780

Background



This preview shows how black text looks on a background with the YIQ color 124.4850, 61.6660, 5.7780.



This preview shows how white text looks on a background with the YIQ color 124.4850, 61.6660,

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

124.4850, 61.6660, 5.7780

Protanopia

124.5460, 24.1650, -13.9390

Deuteranopia

124.1520, 40.0740, -10.4060



Tritanopia

126.7080, 51.3930, 21.2570

Trichromacy



Original Color

124.4850, 61.6660, 5.7780

Protanomaly

124.5910, 37.4600, -7.0840

Deuteranomaly

124.0330, 47.9590, -4.6250

Tritanomaly

125.8730, 55.0620, 15.3340

Monochromacy



Original Color

124.4850, 61.6660, 5.7780

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3740, 22.3740, 2.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.4850, 61.6660, 5.7780 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(187, 104, 66)` looks like.

```
.text, #text, p{  
    color:rgb(187, 104, 66)  
}
```

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(187, 104, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 104, 66) }
```

Border

The CSS property to change the border of an element to YIQ 124.4850, 61.6660, 5.7780 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(187, 104, 66) }
```


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

```
.border{ border-color:rgb(187, 104, 66) }
```

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

Here you see how a box with a 4 pixel rgb(187, 104, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 104, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 104, 66);  
box-shadow:4px 4px 4px 4px rgb(187, 104,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 124.4850, 61.6660, 5.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 104, 66) }
```

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

```
.background{ background-color: rgb(187,  
104, 66) }
```

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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