

Converting Colors

YIQ(106.3650, 62.1240, 8.4920)

Have a look what the booklet for
YIQ(106.3650, 62.1240, 8.4920)
contains.

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Color

**YIQ(106.3650, 62.1240,
8.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5434
RGB	171, 84, 52
RGB Percent	67%, 33%, 20%
CMY	0.3292, 0.6707, 0.7958
CMYK	0.00, 0.51, 0.70, 0.33
HSL	16°, 53%, 44%
HSV	16°, 70%, 67%
XYZ	20.5939, 15.2468, 5.1145
YIQ	106.3650, 62.1240, 8.4920

Conversions

Conversions Part 2

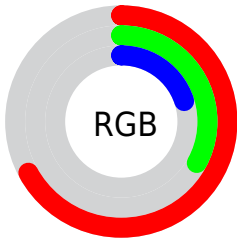
Format	Color
R _Y B	171, 96, 52
Decimal	11228212
CIE Lab	45.97, 33.20, 34.68
CIE LCh	46, 48.009, 46.255
Yxy	15.2468, 0.5028, 0.3723
Android (android.graphics.Color)	4289418292 (0xFFAB5434)
YUV	106.3650, -26.8019, 56.6849
Hunter-Lab	39.0472, 25.8101, 19.5670

Details

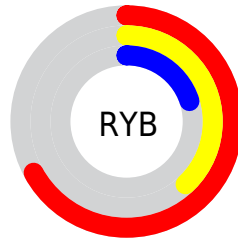
The YIQ color **106.3650, 62.1240, 8.4920** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **116.6350, -62.1240, -8.4920**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7140, 68.4510, 9.4670**, and **55.0160, 55.7970, 7.5170** is the 20% darker color. If you saturate the color by 10%, you get **96.7960, 71.1560, 10.0040**, and if you desaturate by 10%, it is **115.3470, 53.3670, 7.5030**.

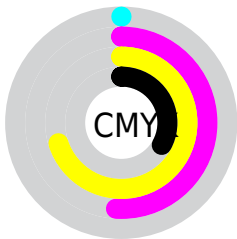
Distribution



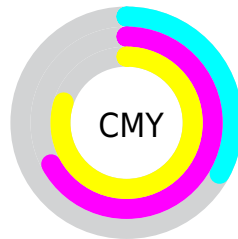
- Red (67%)
- Green (33%)
- Blue (20%)



- Red (67%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.3650, 62.1240, 8.4920 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 106.3650, 62.1240, 8.4920 by changing the saturation by 10% instead.

106.3650, 62.1240,
8.4920

106.3650, 62.1240,
8.4920

255.0000, -0.0000,
-0.0000

80.5110, 58.7770,
8.5770

159.7140, 68.4510,
9.4670

55.0160, 55.7970,
7.5170

185.5890, 67.3050,
8.2090

30.1110, 48.4600,
13.8360

204.4020, 51.5340,
2.1740

17.0430, 33.9720,
12.0840

224.5030, 34.8920,
-4.5960

8.7850, 16.9630,
6.4590

244.1310, 18.2040,
-10.5320

0.0000, 0.0000,
0.0000

252.6060, 6.7410,

-6.5310

■ 106.3650, 62.1240,
8.4920

■ 106.3650, 62.1240,
8.4920

■ 96.7960, 71.1560,
10.0040

■ 115.3470, 53.3670,
7.5030

■ 87.8140, 79.9130,
10.9930

■ 124.9160, 44.3350,
5.9910

■ 78.2450, 88.9450,
12.5050

■ 134.4850, 35.3030,
4.4790

■ 78.1310, 89.2660,
12.1940

■ 143.4670, 26.5460,
3.4900

■ 153.1500, 17.1930,
2.2890

■ 162.1320, 8.4360,
1.3000

■ 171.7010, -0.5960,
-0.2120

■ 180.6830, -9.3530,
-1.2010

■ 190.2520,
-18.3850, -2.7130

Harmonies

Analogous

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



106.8280, 60.1030, 28.6070



106.3650, 62.1240, 8.4920



104.9050, 50.8950, -13.7850

Triad

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



106.3650, 62.1240, 8.4920



84.5810, -63.1730, -39.0530



105.2530, -45.3480, 17.8840

Complementary

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



106.3650, 62.1240, 8.4920



116.6350, -62.1240, -8.4920

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.



91.1710, -92.7520, -4.0800



106.3650, 62.1240, 8.4920



89.9560, -76.9300, -26.5140

Square

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



106.3650, 62.1240, 8.4920



95.8520, -12.6480, -35.1120



92.8860, -87.9360, -14.2720



112.6140, 5.4040, 34.2360

Rectangle

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



106.3650, 62.1240, 8.4920



103.1000, 36.6840, -26.0680



92.8860, -87.9360, -14.2720



95.6730, -73.3140, 7.0860

Sweetspot

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



106.3650, 62.1240, 8.4920



196.6840, 24.4370, 3.1650



97.4990, 42.9970, 52.2850



97.0680, 14.4880, 1.7520



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



106.3650, 62.1240, 8.4920



121.7790, 96.1890, 13.3810



140.9980, 45.8990, -22.3650



81.8650, 4.8140, 0.8620



68.3300, 78.4000, 10.8800



10.3990, 12.0580, 1.7380

Inverse Universe

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



116.6350, -62.1240, -8.4920



137.6340, -95.9140, -12.8580



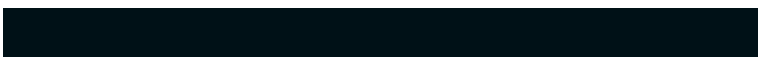
82.0020, -45.8990, 22.3650



82.5480, -4.5390, -0.3390



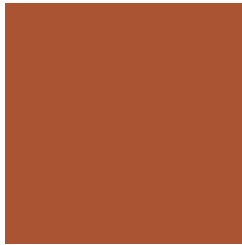
81.6700, -78.4000, -10.8800



12.6010, -12.0580, -1.7380

Previews

White Background



This preview shows how the YIQ color 106.3650, 62.1240, 8.4920 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 106.3650, 62.1240, 8.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

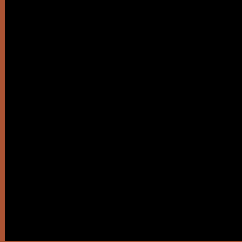
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.3650, 62.1240, 8.4920

Background



This preview shows how black text looks on a background with the YIQ color 106.3650, 62.1240, 8.4920.



This preview shows how white text looks on a background with the YIQ color 106.3650, 62.1240,

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

106.3650, 62.1240, 8.4920

Protanopia

107.2900, 22.0100, -13.4300

Deuteranopia

107.0700, 37.3690, -10.9430



Tritanopia

108.3770, 53.8230, 21.2710

Trichromacy



Original Color

106.3650, 62.1240, 8.4920

Protanomaly

107.3460, 36.7720, -5.6280

Deuteranomaly

107.0760, 46.4000, -3.9040

Tritanomaly

107.2970, 56.8040, 16.8040

Monochromacy



Original Color

106.3650, 62.1240, 8.4920

Achromatopsia

106.0000, -0.0000, -0.0000

Achromatomaly

106.2000, 22.9240, 3.0520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.3650, 62.1240, 8.4920 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(171, 84, 52)` looks like.

```
.text, #text, p{  
    color:rgb(171, 84, 52)  
}
```

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(171, 84, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 84, 52) }
```

Border

The CSS property to change the border of an element to YIQ 106.3650, 62.1240, 8.4920 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(171, 84, 52) }
```


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

```
.border{ border-color:rgb(171, 84, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 84, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 84, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 84, 52);  
box-shadow:4px 4px 4px 4px rgb(171, 84,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 106.3650, 62.1240, 8.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 84, 52) }
```

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

```
.background{ background-color: rgb(171, 84,  
52) }
```

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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