

Converting Colors

YIQ(140.8270, 60.7030, 6.7110)

Have a look what the booklet for
YIQ(140.8270, 60.7030, 6.7110)
contains.

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Color

**YIQ(140.8270, 60.7030,
6.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7855
RGB	203, 120, 85
RGB Percent	80%, 47%, 33%
CMY	0.2037, 0.5295, 0.6664
CMYK	0.00, 0.41, 0.58, 0.20
HSL	18°, 53%, 56%
HSV	18°, 58%, 80%
XYZ	32.9955, 26.7843, 12.0394
YIQ	140.8270, 60.7030, 6.7110

Conversions

Conversions Part 2

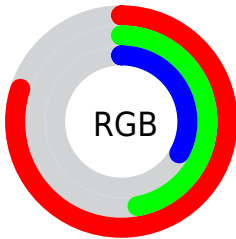
Format	Color
R _Y B	203, 135, 85
Decimal	13334613
CIE Lab	58.77, 29.10, 32.93
CIE LCh	59, 43.945, 48.527
Yxy	26.7843, 0.4594, 0.3729
Android (android.graphics.Color)	4291524693 (0xFFCB7855)
YUV	140.8270, -27.5227, 54.5257
Hunter-Lab	51.7535, 23.2340, 22.4349

Details

The YIQ color **140.8270, 60.7030, 6.7110** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **147.1730, -60.7030, -6.7110**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.1860, 61.0700, 5.5660**, and **88.8910, 54.6510, 6.2590** is the 20% darker color. If you saturate the color by 10%, you get **130.3290, 70.9730, 7.8130**, and if you desaturate by 10%, it is **151.3250, 50.4330, 5.6090**.

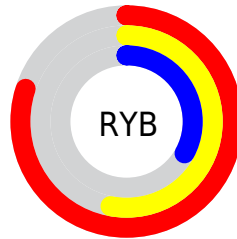
Distribution



Red (80%)

Green (47%)

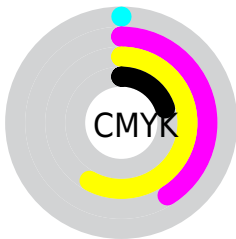
Blue (33%)



Red (80%)

Yellow (53%)

Blue (33%)

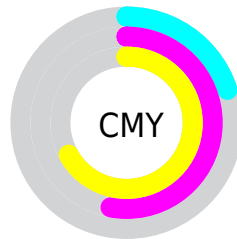


Cyan (0%)

Magenta (41%)

Yellow (58%)

Black (20%)



Cyan (20%)


Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.8270, 60.7030, 6.7110 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 140.8270, 60.7030, 6.7110 by changing the saturation by 10% instead.


 140.8270, 60.7030,
6.7110

 140.8270, 60.7030,
6.7110


255.0000, -0.0000,
-0.0000


 114.7450, 57.9980,
6.1740


 193.1860, 61.0700,
5.5660


 88.8910, 54.6510,
6.2590


 212.7000, 44.7030,
-0.6810

 63.5100, 51.3500,
5.5100


 232.2140, 28.3360,
-6.9280

 39.5250, 46.9940,
7.3620

 250.6680, 12.1980,
-11.8180

 18.2390, 36.3560,
12.9320

 253.9740, 2.8890,
-2.7990

 11.1770, 21.7310,
8.1550

 0.0000, 0.0000,

0.0000

■ 140.8270, 60.7030,
6.7110

■ 140.8270, 60.7030,
6.7110

■ 130.3290, 70.9730,
7.8130

■ 151.3250, 50.4330,
5.6090

■ 119.1300, 81.8390,
9.1270

■ 162.5240, 39.5670,
4.2950

■ 108.6320, 92.1090,
10.2290

■ 173.0220, 29.2970,
3.1930

■ 98.1340, 102.3790,
11.3310

■ 183.5200, 19.0270,
2.0910

■ 95.9170, 104.4880,
11.6560

■ 194.1320, 8.4360,
1.3000

■ 205.2170, -2.1090,
-0.3250

■ 215.7150,
-12.3790, -1.4270

■ 226.3270,
-22.9700, -2.2180

■ 235.9300,
-29.3420, -7.8860

Harmonies

Analogous

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



142.1220, 59.0950, 24.8470



140.8270, 60.7030, 6.7110



138.8770, 48.0980, -12.6540

Triad

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



140.8270, 60.7030, 6.7110



114.1500, -72.2050, -40.5650



140.6950, -34.8490, 20.3430

Complementary

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



140.8270, 60.7030, 6.7110



147.1730, -60.7030, -6.7110

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.



115.4790, -105.5430, -9.0550



140.8270, 60.7030, 6.7110



113.3170, -97.2400, -32.8880

Square

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



140.8270, 60.7030, 6.7110



129.7210, -13.6570, -33.3450



115.3180, -107.0080, -21.0560



145.6420, 8.2010, 33.1050

Rectangle

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



140.8270, 60.7030, 6.7110



137.0550, 32.5570, -22.8590



115.3180, -107.0080, -21.0560



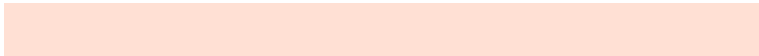
136.7960, -51.4910, 13.5730

Sweetspot

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



140.8270, 60.7030, 6.7110



231.9010, 22.3280, 2.8400



129.9720, 43.0430, 51.4510



114.4700, 13.2960, 1.3280



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.



140.8270, 60.7030, 6.7110



160.7460, 91.7880, 10.5400



174.2860, 45.0280, -23.1000



96.7510, 5.1350, 0.5510



78.3970, 85.4610, 9.5650



17.8190, 19.6230, 2.3030

Inverse Universe

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



147.1730, -60.7030, -6.7110



170.6670, -91.5130, -10.0170



113.7140, -45.0280, 23.1000



97.2490, -5.1350, -0.5510



87.6030, -85.4610, -9.5650



20.1810, -19.6230, -2.3030

Previews

White Background



This preview shows how the YIQ color 140.8270, 60.7030, 6.7110 looks on a white background.

Color Contrast Check

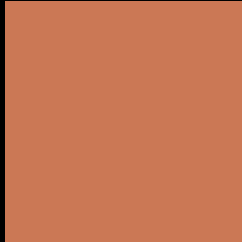
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.8270, 60.7030, 6.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

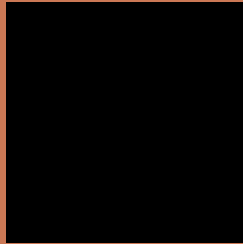
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.8270, 60.7030, 6.7110

Background



This preview shows how black text looks on a background with the YIQ color 140.8270, 60.7030, 6.7110.



This preview shows how white text looks on a background with the YIQ color 140.8270, 60.7030,

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

140.8270, 60.7030, 6.7110

Protanopia

140.0020, 22.8810, -12.6950

Deuteranopia

140.3200, 39.6610, -8.4270



Tritanopia

143.1210, 51.6680, 21.7800

Trichromacy



Original Color

140.8270, 60.7030, 6.7110

Protanomaly

140.3460, 36.7720, -5.6280

Deuteranomaly

140.7880, 47.2710, -3.1690

Tritanomaly

142.4000, 55.0160, 16.1680

Monochromacy



Original Color

140.8270, 60.7030, 6.7110

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.9010, 22.3280, 2.8400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.8270, 60.7030, 6.7110 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(203, 120, 85)` looks like.

```
.text, #text, p{  
    color:rgb(203, 120, 85)  
}
```

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(203, 120, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 120, 85) }
```

Border

The CSS property to change the border of an element to YIQ 140.8270, 60.7030, 6.7110 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(203, 120, 85) }
```


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

```
.border{ border-color:rgb(203, 120, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 120, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 120, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 120, 85);  
box-shadow:4px 4px 4px 4px rgb(203, 120,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 140.8270, 60.7030, 6.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 120, 85) }
```

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

```
.background{ background-color: rgb(203,  
120, 85) }
```

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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