

Converting Colors

YIQ(113.4460, 66.5700, 16.0260)

Have a look what the booklet for
YIQ(113.4460, 66.5700, 16.0260)
contains.

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Color

**YIQ(113.4460, 66.5700,
16.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	BB5543
RGB	187, 85, 67
RGB Percent	73%, 33%, 26%
CMY	0.2664, 0.6668, 0.7370
CMYK	0.00, 0.55, 0.64, 0.27
HSL	9°, 47%, 50%
HSV	9°, 64%, 73%
XYZ	24.7683, 17.4686, 7.3877
YIQ	113.4460, 66.5700, 16.0260

Conversions

Conversions Part 2

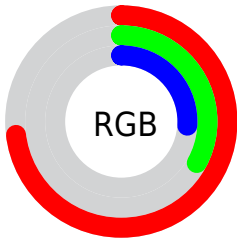
Format	Color
RYB	187, 88, 67
Decimal	12277059
CIELab	48.85, 39.86, 30.23
CIELCh	49, 50.028, 37.175
Yxy	17.4686, 0.4991, 0.3520
Android (android.graphics.Color)	4290467139 (0xFFBB5543)
YUV	113.4460, -22.8979, 64.5069
Hunter-Lab	41.7954, 32.6386, 18.7768

Details

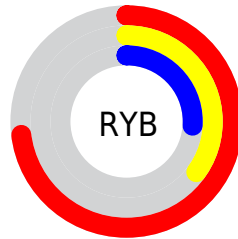
The YIQ color **113.4460, 66.5700, 16.0260** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **140.5540, -66.5700, -16.0260**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7950, 72.8970, 17.0010**, and **60.8520, 59.5550, 16.5070** is the 20% darker color. If you saturate the color by 10%, you get **101.8880, 77.0690, 18.4850**, and if you desaturate by 10%, it is **125.0040, 56.0710, 13.5670**.

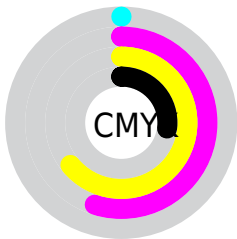
Distribution



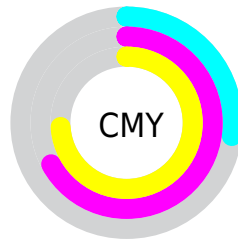
- Red (73%)
- Green (33%)
- Blue (26%)



- Red (73%)
- Yellow (35%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (64%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.4460, 66.5700, 16.0260 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 113.4460, 66.5700, 16.0260 by changing the saturation by 10% instead.

■ 113.4460, 66.5700,
16.0260

■ 113.4460, 66.5700,
16.0260

■ 255.0000, -0.0000,
-0.0000

■ 86.5920, 63.2230,
16.1110

■ 167.7950, 72.8970,
17.0010

■ 60.2650, 59.8300,
17.0300

■ 188.5870, 61.6190,
12.1390

■ 30.4870, 59.3250,
20.6770

■ 208.1010, 45.2520,
5.8920

■ 21.2290, 42.3160,
15.0520

■ 228.2020, 28.6100,
-0.8780

■ 13.9820, 26.7740,
10.3740

■ 248.4170, 11.6470,
-7.3370

■ 0.0000, 0.0000,
0.0000

254.6580, 0.9630,

-0.9330

■ 113.4460, 66.5700,
16.0260

■ 113.4460, 66.5700,
16.0260

■ 101.8880, 77.0690,
18.4850

■ 125.0040, 56.0710,
13.5670

■ 90.4440, 87.2470,
21.2550

■ 136.4480, 45.8930,
10.7970

■ 78.8860, 97.7460,
23.7140

■ 148.0060, 35.3940,
8.3380

■ 72.3490, 103.7520,
25.0000

■ 159.5640, 24.8950,
5.8790

■ 171.1220, 14.3960,
3.4200

■ 181.9790, 4.4930,
1.1730

■ 193.5370, -6.0060,
-1.2860

■ 205.0950,
-16.5050, -3.7450

■ 216.5390,
-26.6830, -6.5150

Harmonies

Analogous

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



114.6310, 59.4600, 34.7560



113.4460, 66.5700, 16.0260



112.9000, 58.4590, -7.6930

Triad

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



113.4460, 66.5700, 16.0260



87.8920, -62.8510, -44.8910



104.0260, -72.8100, 8.9660

Complementary

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



113.4460, 66.5700, 16.0260



140.5540, -66.5700, -16.0260

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.



97.8390, -97.7490, -7.1330



113.4460, 66.5700, 16.0260



94.0820, -77.5250, -32.2530

Square

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



113.4460, 66.5700, 16.0260



105.1540, 1.0610, -35.7630



98.1690, -90.4110, -18.9790



118.8450, -8.4880, 32.6960

Rectangle

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



113.4460, 66.5700, 16.0260



110.9980, 45.8990, -22.3650



98.1690, -90.4110, -18.9790



94.5280, -98.0710, -1.2950

Sweetspot

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



113.4460, 66.5700, 16.0260



213.8630, 25.4910, 6.0910



114.7360, 38.1360, 57.7840



104.7200, 15.5880, 3.8440



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.



113.4460, 66.5700, 16.0260



128.0500, 103.1560, 24.7880



147.4920, 50.6200, -14.3080



88.2780, 5.0890, 1.3850



61.3300, 87.5680, 20.9440



12.2040, 17.1010, 3.9570

Inverse Universe

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



140.5540, -66.5700, -16.0260



169.9500, -103.1560, -24.7880



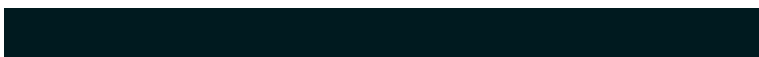
106.5080, -50.6200, 14.3080



90.7220, -5.0890, -1.3850



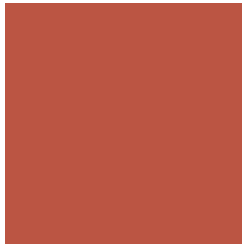
97.2570, -87.8430, -21.4670



18.7960, -17.1010, -3.9570

Previews

White Background



This preview shows how the YIQ color 113.4460, 66.5700, 16.0260 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 113.4460, 66.5700, 16.0260 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 113.4460, 66.5700, 16.0260

Background



This preview shows how black text looks on a background with the YIQ color 113.4460, 66.5700, 16.0260.



This preview shows how white text looks on a background with the YIQ color 113.4460, 66.5700,

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

113.4460, 66.5700, 16.0260

Protanopia

115.3590, 17.5620, -9.9100

Deuteranopia

114.9820, 34.8010, -8.4550



Tritanopia

114.3780, 61.2500, 24.3380

Trichromacy



Original Color

113.4460, 66.5700, 16.0260

Protanomaly

114.4370, 35.2580, -0.2140

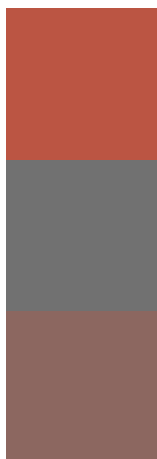
Deuteranomaly

114.7110, 46.1700, 0.2660

Tritanomaly

114.0530, 63.5430, 21.3270

Monochromacy



Original Color

113.4460, 66.5700, 16.0260

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2650, 24.2990, 5.6670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4460, 66.5700, 16.0260 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, 85, 67)` looks like.

```
.text, #text, p{  
    color:rgb(187, 85, 67)  
}
```

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, 85, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 85, 67) }
```

Border

The CSS property to change the border of an element to YIQ 113.4460, 66.5700, 16.0260 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, 85, 67) }
```


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

```
.border{ border-color:rgb(187, 85, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 85, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 85, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 85, 67);  
box-shadow:4px 4px 4px 4px rgb(187, 85,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 113.4460, 66.5700, 16.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 85, 67) }
```

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

```
.background{ background-color: rgb(187, 85,  
67) }
```

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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