

Converting Colors

YIQ(118.4340, 66.8440, 22.0760)

Have a look what the booklet for
YIQ(118.4340, 66.8440, 22.0760)
contains.

YIQ(118.4340, 66.8440, 22.0760)	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(118.4340, 66.8440,
22.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	C45652
RGB	196, 86, 82
RGB Percent	77%, 34%, 32%
CMY	0.2311, 0.6629, 0.6782
CMYK	0.00, 0.56, 0.58, 0.23
HSL	2°, 49%, 55%
HSV	2°, 58%, 77%
XYZ	27.6318, 19.0031, 10.2079
YIQ	118.4340, 66.8440, 22.0760

Conversions

Conversions Part 2

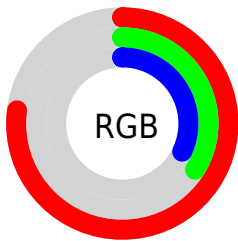
Format	Color
R_{YB}	196, 86, 82
Decimal	12867154
CIE _{Lab}	50.69, 43.77, 24.13
CIE _{LCh}	51, 49.978, 28.866
Yxy	19.0031, 0.4861, 0.3343
Android (android.graphics.Color)	4291057234 (0xFFC45652)
YUV	118.4340, -17.9620, 68.0254
Hunter-Lab	43.5925, 36.8584, 16.6310

Details

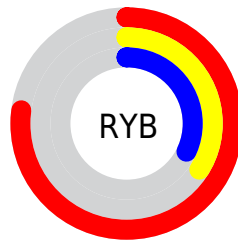
The YIQ color **118.4340, 66.8440, 22.0760** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **159.5660, -66.8440, -22.0760**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7720, 71.7040, 22.1040**, and **64.5520, 60.7000, 23.2920** is the 20% darker color. If you saturate the color by 10%, you get **105.0010, 78.4890, 25.7930**, and if you desaturate by 10%, it is **131.8670, 55.1990, 18.3590**.

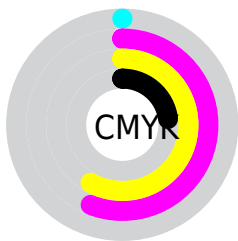
Distribution



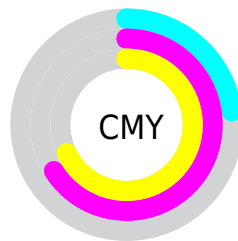
- Red (77%)
- Green (34%)
- Blue (32%)



- Red (77%)
- Yellow (34%)
- Blue (32%)



- Cyan (0%)
- Magenta (56%)
- Yellow (58%)
- Black (23%)



- Cyan (23%)
- Magenta (66%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.4340, 66.8440, 22.0760 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 118.4340, 66.8440, 22.0760 by changing the saturation by 10% instead.


 118.4340, 66.8440,
22.0760


 118.4340, 66.8440,
22.0760


255.0000, -0.0000,
-0.0000


 91.5800, 63.4970,
22.1610


 172.8860, 71.3830,
22.4150


 64.5520, 60.7000,
23.2920


 191.6990, 55.6120,
16.3800

 34.2300, 58.9110,
28.1830


 211.2130, 39.2450,
10.1330

 23.9200, 47.6800,
16.9600

 231.3140, 22.6030,
3.3630

 16.3740, 31.5420,
12.0700

 251.6430, 5.3190,
-2.7850

 2.6910, 5.3640,
1.9080

 0.0000, 0.0000,

0.0000

■ 118.4340, 66.8440,
22.0760

■ 118.4340, 66.8440,
22.0760

■ 105.0010, 78.4890,
25.7930

■ 131.8670, 55.1990,
18.3590

■ 91.6820, 89.8130,
29.8210

■ 145.1860, 43.8750,
14.3310

■ 78.2490, 101.4580,
33.5380

■ 158.6190, 32.2300,
10.6140

■ 64.9300, 112.7820,
37.5660

■ 171.9380, 20.9060,
6.5860

■ 62.7130, 114.8910,
37.8910

■ 185.3710, 9.2610,
2.8690

■ 198.8040, -2.3840,
-0.8480

■ 212.1230,
-13.7080, -4.8760

■ 224.9690,
-25.0780, -8.0700

■ 237.3590,
-35.1640, -12.5080

Harmonies

Analogous

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



119.9880, 54.1410, 37.5410



118.4340, 66.8440, 22.0760



118.1550, 62.3550, -1.2050

Triad

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



118.4340, 66.8440, 22.0760



101.4020, -37.8640, -40.6800



97.4460, -100.7760, -1.8320

Complementary

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



118.4340, 66.8440, 22.0760



159.5660, -66.8440, -22.0760

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.



101.8340, -99.3530, -11.1050



118.4340, 66.8440, 22.0760



96.2190, -76.6530, -37.0450

Square

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



118.4340, 66.8440, 22.0760



111.3680, 12.2020, -33.9260



101.1210, -90.4560, -23.6720



122.1960, -22.8380, 28.4420

Rectangle

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



118.4340, 66.8440, 22.0760



116.5090, 51.9500, -16.3860



101.1210, -90.4560, -23.6720



99.5660, -101.2340, -4.5460

Sweetspot

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



118.4340, 66.8440, 22.0760



225.4440, 25.3530, 8.5930



128.6260, 32.6340, 58.3780



110.3610, 15.2210, 4.9890



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.



118.4340, 66.8440, 22.0760



133.7440, 104.4380, 34.5980



151.8930, 51.1690, -7.7350



90.5770, 5.6850, 1.5970



51.0740, 94.5810, 31.5170



10.4540, 19.3930, 6.4730

Inverse Universe

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



159.5660, -66.8440, -22.0760



198.2560, -104.4380, -34.5980



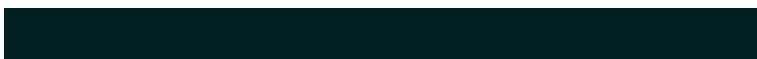
126.1070, -51.1690, 7.7350



94.0100, -5.9600, -2.1200



109.3390, -94.3060, -30.9940



22.5460, -19.3930, -6.4730

Previews

White Background



This preview shows how the YIQ color 118.4340, 66.8440, 22.0760 looks on a white background.

Color Contrast Check

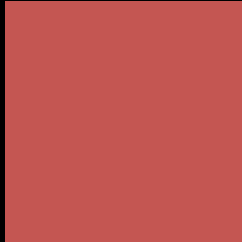
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4340, 66.8440, 22.0760 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 118.4340, 66.8440, 22.0760

Background



This preview shows how black text looks on a background with the YIQ color 118.4340, 66.8440, 22.0760.



This preview shows how white text looks on a background with the YIQ color 118.4340, 66.8440,

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

118.4340, 66.8440, 22.0760

Protanopia

120.6560, 12.4720, -5.7680

Deuteranopia

120.5240, 30.3990, -5.7690



Tritanopia

119.0580, 65.1470, 25.2990

Trichromacy



Original Color

118.4340, 66.8440, 22.0760

Protanomaly

119.6310, 31.9560, 4.5640

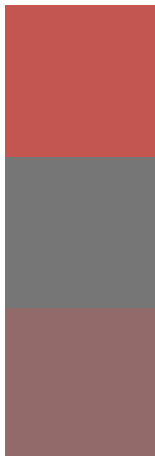
Deuteranomaly

119.6770, 43.5100, 4.4220

Tritanomaly

118.7160, 66.1100, 24.3660

Monochromacy



Original Color

118.4340, 66.8440, 22.0760

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

117.8460, 24.1610, 8.1690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4340, 66.8440, 22.0760 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(196, 86, 82)` looks like.

```
.text, #text, p{  
    color:rgb(196, 86, 82)  
}
```

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(196, 86, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 86, 82) }
```

Border

The CSS property to change the border of an element to YIQ 118.4340, 66.8440, 22.0760 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(196, 86, 82) }
```


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

```
.border{ border-color:rgb(196, 86, 82) }
```

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

Here you see how a box with a 4 pixel rgb(196, 86, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 86, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 86, 82);  
box-shadow:4px 4px 4px 4px rgb(196, 86,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4340, 66.8440, 22.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 86, 82) }
```

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

```
.background{ background-color: rgb(196, 86,  
82) }
```

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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