

Converting Colors

YIQ(138.7620, 68.4960, 14.1600)

Have a look what the booklet for
YIQ(138.7620, 68.4960, 14.1600)
contains.

YIQ(138.7620, 68.4960, 14.1600)	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(138.7620, 68.4960,
14.1600)**

Conversions

Conversions Part 1

Format	Color
Hex	D56F57
RGB	213, 111, 87
RGB Percent	84%, 44%, 34%
CMY	0.1645, 0.5648, 0.6585
CMYK	0.00, 0.48, 0.59, 0.16
HSL	11°, 60%, 59%
HSV	11°, 59%, 84%
XYZ	34.8605, 26.2037, 12.2532
YIQ	138.7620, 68.4960, 14.1600

Conversions

Conversions Part 2

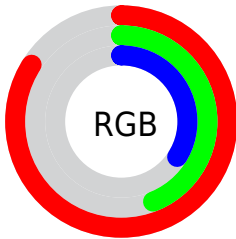
Format	Color
R_{YB}	213, 117, 87
Decimal	13987671
CIE _{Lab}	58.23, 37.95, 31.42
CIE _{LCh}	58, 49.271, 39.626
Yxy	26.2037, 0.4755, 0.3574
Android (android.graphics.Color)	4292177751 (0xFFD56F57)
YUV	138.7620, -25.5187, 65.1067
Hunter-Lab	51.1895, 31.9784, 21.6405

Details

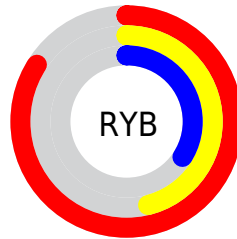
The YIQ color **138.7620, 68.4960, 14.1600** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **161.2380, -68.4960, -14.1600**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1310, 62.9030, 10.8950**, and **85.6410, 61.5270, 13.8070** is the 20% darker color. If you saturate the color by 10%, you get **126.3890, 79.9120, 16.5200**, and if you desaturate by 10%, it is **151.1350, 57.0800, 11.8000**.

Distribution



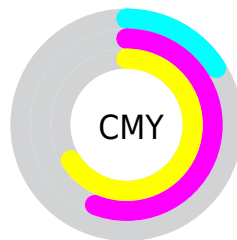
- Red (84%)
- Green (44%)
- Blue (34%)



- Red (84%)
- Yellow (46%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (59%)
- Black (16%)



- Cyan (16%)
- Magenta (56%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7620, 68.4960, 14.1600 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 138.7620, 68.4960, 14.1600 by changing the saturation by 10% instead.

138.7620, 68.4960,
14.1600

138.7620, 68.4960,
14.1600

255.0000, -0.0000,
-0.0000

111.7940, 65.4700,
13.9340

188.1310, 62.9030,
10.8950

85.9400, 62.1230,
14.0190

207.6450, 46.5360,
4.6480

59.7870, 58.1800,
13.8920

227.1590, 30.1690,
-1.5990

31.0520, 56.1160,
18.2600

247.3740, 13.2060,
-8.0580

20.3320, 40.5280,
14.4160

254.0880, 2.5680,
-2.4880

12.9710, 25.3070,
9.4270

0.0000, 0.0000,

0.0000

■ 138.7620, 68.4960,
14.1600

■ 138.7620, 68.4960,
14.1600

■ 126.3890, 79.9120,
16.5200

■ 151.1350, 57.0800,
11.8000

■ 113.3150, 91.9240,
19.0920

■ 163.6220, 45.3430,
9.7510

■ 100.9420,
103.3400, 21.4520

■ 176.5820, 33.6520,
6.8680

■ 88.5690, 114.7560,
23.8120

■ 188.9550, 22.2360,
4.5080

■ 87.1670, 115.9480,
24.2360

■ 201.4420, 10.4990,
2.4590

■ 214.4020, -1.1920,
-0.4240

■ 226.7750,
-12.6080, -2.7840

■ 238.9200,
-23.3820, -5.7660

■ 242.4420,
-25.0320, -8.9040

Harmonies

Analogous

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



140.2460, 61.9820, 33.1020



138.7620, 68.4960, 14.1600



137.2590, 58.8260, -8.8380

Triad

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



138.7620, 68.4960, 14.1600



113.4190, -62.8970, -44.0570



133.8430, -58.8730, 15.1990

Complementary

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



138.7620, 68.4960, 14.1600



161.2380, -68.4960, -14.1600

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.



114.8910, -112.6950, -11.5990



138.7620, 68.4960, 14.1600



111.9490, -93.3880, -36.6200

Square

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



138.7620, 68.4960, 14.1600



128.8870, -2.5610, -36.2010



116.0360, -106.2740, -23.3460



143.9380, -4.3160, 34.1800

Rectangle

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



138.7620, 68.4960, 14.1600



135.6280, 44.0650, -22.1670



116.0360, -106.2740, -23.3460



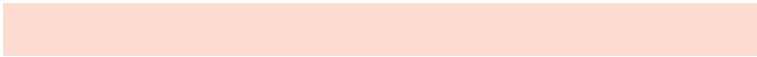
123.7360, -86.7930, 3.5670

Sweetspot

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



138.7620, 68.4960, 14.1600



228.0370, 24.9410, 5.0450



136.4160, 42.0330, 58.7450



111.1930, 15.6340, 3.0100



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.



138.7620, 68.4960, 14.1600



148.0770, 98.5260, 20.5900



175.1560, 51.4460, -18.2660



100.4630, 6.0060, 1.2860



69.9130, 93.1160, 19.5160



17.5530, 23.4280, 4.9320

Inverse Universe

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



161.2380, -68.4960, -14.1600



180.9230, -98.5260, -20.5900



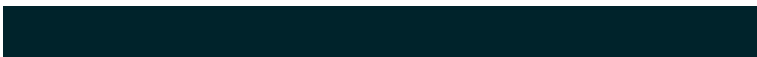
124.8440, -51.4460, 18.2660



102.5370, -6.0060, -1.2860



100.5000, -92.8410, -18.9930



25.4470, -23.4280, -4.9320

Previews

White Background



This preview shows how the YIQ color 138.7620, 68.4960, 14.1600 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 138.7620, 68.4960, 14.1600 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 138.7620, 68.4960, 14.1600

Background



This preview shows how black text looks on a background with the YIQ color 138.7620, 68.4960, 14.1600.



This preview shows how white text looks on a background with the YIQ color 138.7620, 68.4960,

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

138.7620, 68.4960, 14.1600

Protanopia

138.9140, 20.3130, -10.2070

Deuteranopia

139.2490, 38.4230, -8.0170



Tritanopia

140.2040, 61.8000, 25.3840

Trichromacy



Original Color

138.7620, 68.4960, 14.1600

Protanomaly

138.5790, 37.7340, -1.0340

Deuteranomaly

139.1520, 49.2420, -0.3420

Tritanomaly

139.3520, 64.1390, 21.5390

Monochromacy



Original Color

138.7620, 68.4960, 14.1600

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0370, 24.9410, 5.0450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7620, 68.4960, 14.1600 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(213, 111, 87)` looks like.

```
.text, #text, p{  
    color:rgb(213, 111, 87)  
}
```

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(213, 111, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 111, 87) }
```

Border

The CSS property to change the border of an element to YIQ 138.7620, 68.4960, 14.1600 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(213, 111, 87) }
```


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

```
.border{ border-color:rgb(213, 111, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 111, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 111, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 111, 87);  
box-shadow:4px 4px 4px 4px rgb(213, 111,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7620, 68.4960, 14.1600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 111, 87) }
```

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

```
.background{ background-color: rgb(213,  
111, 87) }
```

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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