

Converting Colors

YIQ(138.5780, 75.0060, 17.3260)

Have a look what the booklet for
YIQ(138.5780, 75.0060, 17.3260)
contains.

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Color

**YIQ(138.5780, 75.0060,
17.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6B55
RGB	221, 107, 85
RGB Percent	87%, 42%, 33%
CMY	0.1331, 0.5806, 0.6663
CMYK	0.00, 0.52, 0.62, 0.13
HSL	10°, 67%, 60%
HSV	10°, 62%, 87%
XYZ	36.7344, 26.5450, 11.7986
YIQ	138.5780, 75.0060, 17.3260

Conversions

Conversions Part 2

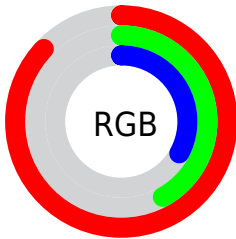
Format	Color
RYB	221, 111, 85
Decimal	14510933
CIELab	58.55, 42.87, 33.19
CIELCh	59, 54.212, 37.745
Yxy	26.5450, 0.4893, 0.3536
Android (android.graphics.Color)	4292701013 (0xFFDD6B55)
YUV	138.5780, -26.4140, 72.2841
Hunter-Lab	51.5218, 37.1048, 22.4877

Details

The YIQ color **138.5780, 75.0060, 17.3260** 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 **167.4220, -75.0060, -17.3260**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1420, 64.3700, 11.8420**, and **84.5710, 67.7160, 17.2840** is the 20% darker color. If you saturate the color by 10%, you get **124.9170, 87.2930, 20.4210**, and if you desaturate by 10%, it is **152.2390, 62.7190, 14.2310**.

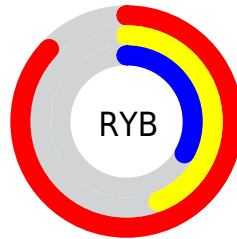
Distribution



Red (87%)

Green (42%)

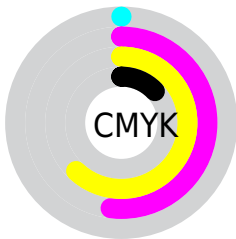
Blue (33%)



Red (87%)

Yellow (44%)

Blue (33%)

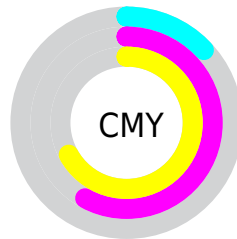


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (13%)



Cyan (13%)


Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.5780, 75.0060, 17.3260 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 138.5780, 75.0060, 17.3260 by changing the saturation by 10% instead.


 138.5780, 75.0060,
17.3260


 138.5780, 75.0060,
17.3260


255.0000, -0.0000,
-0.0000


 111.7240, 71.6590,
17.4110


 186.1420, 64.3700,
11.8420


 84.8700, 68.3120,
17.4960


 205.0690, 48.2780,
6.1180


 57.0700, 64.8730,
19.2490


 225.1700, 31.6360,
-0.6520

 30.4980, 60.7920,
21.6240

 245.3850, 14.6730,
-7.1110

 21.8270, 43.5080,
15.4760

 253.8600, 3.2100,
-3.1100

 14.5800, 27.9660,
10.7980

 0.0000, 0.0000,

0.0000

■ 138.5780, 75.0060,
17.3260

■ 138.5780, 75.0060,
17.3260

■ 124.9170, 87.2930,
20.4210

■ 152.2390, 62.7190,
14.2310

■ 111.8430, 99.3050,
22.9930

■ 165.3130, 50.7070,
11.6590

■ 98.1820, 111.5920,
26.0880

■ 178.9740, 38.4200,
8.5640

■ 87.2110, 121.8160,
28.0240

■ 192.1620, 26.0870,
6.3030

■ 205.8230, 13.8000,
3.2080

■ 218.8970, 1.7880,
0.6360

■ 232.5580,
-10.4990, -2.4590

■ 244.8340,
-20.2640, -7.2080

Harmonies

Analogous

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



139.6320, 66.8870, 37.8230



138.5780, 75.0060, 17.3260



137.3800, 65.7950, -8.4850

Triad

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



138.5780, 75.0060, 17.3260



106.2490, -77.3380, -52.1700



130.1770, -74.5530, 13.0230

Complementary

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



138.5780, 75.0060, 17.3260



167.4220, -75.0060, -17.3260

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.



116.9770, -115.8130, -10.1570



138.5780, 75.0060, 17.3260



113.5960, -93.8920, -38.5000

Square

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



138.5780, 75.0060, 17.3260



128.4480, 0.0530, -39.5230



117.6660, -108.1080, -23.1480



144.3660, -8.3970, 36.5550

Rectangle

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



138.5780, 75.0060, 17.3260



135.2820, 50.8510, -24.0050



117.6660, -108.1080, -23.1480



113.1930, -116.1810, -3.4850

Sweetspot

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



138.5780, 75.0060, 17.3260



226.8630, 25.4910, 6.0910



138.8880, 43.8200, 64.9080



110.6060, 15.9090, 3.5330



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.



138.5780, 75.0060, 17.3260



140.7080, 104.1190, 23.8550



177.3200, 56.8560, -17.1920



102.8760, 6.2810, 1.8090



68.1630, 95.4080, 22.0320



17.8630, 25.4910, 6.0910

Inverse Universe

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



167.4220, -75.0060, -17.3260



180.8790, -104.3940, -24.3780



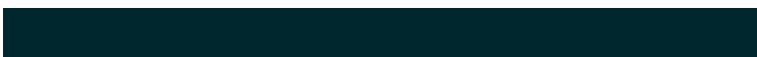
128.6800, -56.8560, 17.1920



105.5370, -6.0060, -1.2860



105.4240, -95.6830, -22.5550



28.1370, -25.4910, -6.0910

Previews

White Background



This preview shows how the YIQ color 138.5780, 75.0060, 17.3260 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 138.5780, 75.0060, 17.3260 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 138.5780, 75.0060, 17.3260

Background



This preview shows how black text looks on a background with the YIQ color 138.5780, 75.0060, 17.3260.



This preview shows how white text looks on a background with the YIQ color 138.5780, 75.0060,

17.3260.

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

138.5780, 75.0060, 17.3260

Protanopia

139.6860, 20.9550, -10.8290

Deuteranopia

139.7930, 39.7070, -9.2610



Tritanopia

139.7920, 68.9520, 27.9280

Trichromacy



Original Color

138.5780, 75.0060, 17.3260

Protanomaly

139.5470, 40.7600, -0.8080

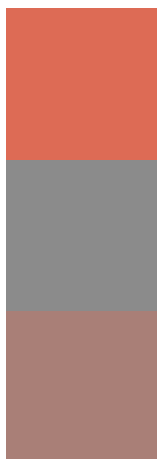
Deuteranomaly

139.5330, 52.5430, 0.4070

Tritanomaly

139.0540, 70.9700, 24.3940

Monochromacy



Original Color

138.5780, 75.0060, 17.3260

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.6460, 27.6000, 6.4160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5780, 75.0060, 17.3260 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(221, 107, 85)` looks like.

```
.text, #text, p{  
    color:rgb(221, 107, 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(221, 107, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 107, 85) }
```

Border

The CSS property to change the border of an element to YIQ 138.5780, 75.0060, 17.3260 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(221, 107, 85) }
```


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

```
.border{ border-color:rgb(221, 107, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 107, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 107, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 107, 85);  
box-shadow:4px 4px 4px 4px rgb(221, 107,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5780, 75.0060, 17.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 107, 85) }
```

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

```
.background{ background-color: rgb(221,  
107, 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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