

Converting Colors

YIQ(138.1020, 87.0690, -8.5710)

Have a look what the booklet for
YIQ(138.1020, 87.0690, -8.5710)
contains.

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Color

**YIQ(138.1020, 87.0690,
-8.5710)**

Conversions

Conversions Part 1

Format	Color
Hex	D8781B
RGB	216, 120, 27
RGB Percent	85%, 47%, 11%
CMY	0.1528, 0.5295, 0.8937
CMYK	0.00, 0.44, 0.87, 0.15
HSL	29°, 78%, 48%
HSV	29°, 87%, 85%
XYZ	35.2424, 28.1084, 4.6114
YIQ	138.1020, 87.0690, -8.5710

Conversions

Conversions Part 2

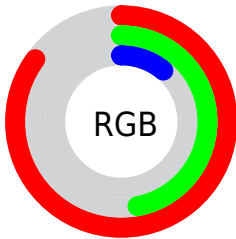
Format	Color
R _Y B	216, 210, 27
Decimal	14186523
CIE Lab	59.99, 31.68, 61.30
CIE LCh	60, 69.000, 62.669
Yxy	28.1084, 0.5186, 0.4136
Android (android.graphics.Color)	4292376603 (0xFFD8781B)
YUV	138.1020, -54.7733, 68.3165
Hunter-Lab	53.0173, 25.8747, 31.9552

Details

The YIQ color **138.1020, 87.0690, -8.5710** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **104.8980, -87.0690, 8.5710**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1440, 78.0830, -10.9170**, and **87.4350, 73.1300, -3.7500** is the 20% darker color. If you saturate the color by 10%, you get **129.2510, 96.8350, -9.3490**, and if you desaturate by 10%, it is **147.0670, 76.9820, -7.4820**.

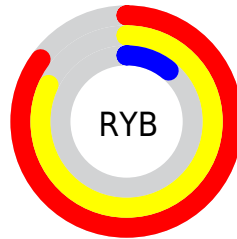
Distribution



Red (85%)

Green (47%)

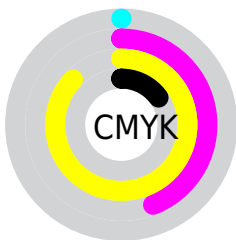
Blue (11%)



Red (85%)

Yellow (82%)

Blue (11%)

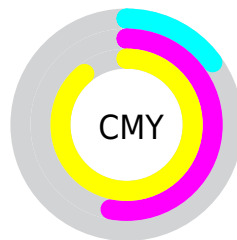


Cyan (0%)

Magenta (44%)

Yellow (87%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.1020, 87.0690, -8.5710 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 138.1020, 87.0690, -8.5710 by changing the saturation by 10% instead.

138.1020, 87.0690,
-8.5710

138.1020, 87.0690,
-8.5710

255.0000, -0.0000,
-0.0000

111.0800, 84.1350,
-10.4650

187.1440, 78.0830,
-10.9170

87.4350, 73.1300,
-3.7500

206.5440, 62.0370,
-17.4750

64.3770, 61.8500,
2.4420

226.0580, 45.6700,
-23.7220

41.3190, 50.5700,
8.6340

244.5120, 29.5320,
-28.6120

20.0330, 39.9320,
14.2040

247.7040, 20.5440,
-19.9040

13.2700, 25.9030,
9.6390

250.8960, 11.5560,

0.0000, 0.0000,

-11.1960

0.0000

254.2020, 2.2470,
-2.1770

138.1020, 87.0690,
-8.5710

138.1020, 87.0690,
-8.5710

129.2510, 96.8350,
-9.3490

147.0670, 76.9820,
-7.4820

126.8060, 99.5860,
-9.6460

155.9180, 67.2160,
-6.7040

164.8830, 57.1290,
-5.6150

173.8480, 47.0420,
-4.5260

182.6990, 37.2760,
-3.7480

■ 191.6640, 27.1890,
-2.6590

■ 200.5150, 17.4230,
-1.8810

■ 209.4800, 7.3360,
-0.7920

■ 218.4450, -2.7510,
0.2970

Harmonies

Analogous

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



137.6070, 94.3980, 29.3260



138.1020, 87.0690, -8.5710



134.7600, 60.5280, -39.6960

Triad

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



138.1020, 87.0690, -8.5710



117.8360, -94.8080, -43.9280



147.0840, -24.8580, 43.0300

Complementary

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



138.1020, 87.0690, -8.5710



104.8980, -87.0690, 8.5710

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.



117.1200, -123.1050, 0.8550



138.1020, 87.0690, -8.5710



124.7900, -114.3890, -24.9570

Square

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



138.1020, 87.0690, -8.5710



108.3060, -73.4850, -61.4290



125.5830, -126.2670, -7.9230



145.9320, 40.5200, 58.6320

Rectangle

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



138.1020, 87.0690, -8.5710



129.5560, 34.2590, -53.7170



125.5830, -126.2670, -7.9230



141.8030, -52.2280, 32.4440

Sweetspot

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



138.1020, 87.0690, -8.5710



227.5180, 30.5360, -2.7440



94.6830, 81.1860, 70.5460



111.1130, 18.6150, -1.4570



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.



138.1020, 87.0690, -8.5710



149.6200, 117.6050, -11.3150



192.6930, 61.4940, -57.2100



102.8110, 4.9060, -0.8060



100.4370, 78.8160, -7.6800



25.1840, 19.8530, -1.8670

Inverse Universe

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



104.8980, -87.0690, 8.5710



105.3800, -117.6050, 11.3150



50.3070, -61.4940, 57.2100



100.7760, -5.1810, 0.2830



70.5630, -78.8160, 7.6800



17.8160, -19.8530, 1.8670

Previews

White Background



This preview shows how the YIQ color 138.1020, 87.0690, -8.5710 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 138.1020, 87.0690, -8.5710 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 138.1020, 87.0690, -8.5710

Background



This preview shows how black text looks on a background with the YIQ color 138.1020, 87.0690, -8.5710.



This preview shows how white text looks on a background with the YIQ color 138.1020, 87.0690, -8.5710.

-8.5710.

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

138.1020, 87.0690, -8.5710

Protanopia

137.7280, 46.3590, -30.7050

Deuteranopia

137.0910, 67.2660, -29.6460



Tritanopia

145.2040, 61.8000, 25.3840

Trichromacy



Original Color

138.1020, 87.0690, -8.5710

Protanomaly

137.7840, 61.1210, -22.9030

Deuteranomaly

137.1400, 74.7380, -21.8860

Tritanomaly

142.7900, 71.2930, 13.0290

Monochromacy



Original Color

138.1020, 87.0690, -8.5710

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7030, 31.4530, -2.8430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.1020, 87.0690, -8.5710 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(216, 120, 27)` looks like.

```
.text, #text, p{  
    color:rgb(216, 120, 27)  
}
```

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(216, 120, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 120, 27) }
```

Border

The CSS property to change the border of an element to YIQ 138.1020, 87.0690, -8.5710 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(216, 120, 27) }
```


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

```
.border{ border-color:rgb(216, 120, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 120, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 120, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 120, 27);  
box-shadow:4px 4px 4px 4px rgb(216, 120,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 138.1020, 87.0690, -8.5710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 120, 27) }
```

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

```
.background{ background-color: rgb(216,  
120, 27) }
```

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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