

Converting Colors

YIQ(137.6170, 70.1020, 7.0780)

Have a look what the booklet for
YIQ(137.6170, 70.1020, 7.0780)
contains.

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Color

**YIQ(137.6170, 70.1020,
7.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	D17248
RGB	209, 114, 72
RGB Percent	82%, 45%, 28%
CMY	0.1802, 0.5531, 0.7173
CMYK	0.00, 0.45, 0.66, 0.18
HSL	18°, 60%, 55%
HSV	18°, 66%, 82%
XYZ	33.4940, 26.0573, 9.4087
YIQ	137.6170, 70.1020, 7.0780

Conversions

Conversions Part 2

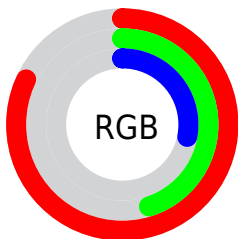
Format	Color
RYB	209, 133, 72
Decimal	13726280
CIELab	58.09, 33.81, 39.32
CIElCh	58, 51.858, 49.313
Yxy	26.0573, 0.4857, 0.3779
Android (android.graphics.Color)	4291916360 (0xFFD17248)
YUV	137.6170, -32.3492, 62.6029
Hunter-Lab	51.0463, 27.7916, 24.8043

Details

The YIQ color **137.6170, 70.1020, 7.0780** 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 **143.3830, -70.1020, -7.0780**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.1820, 66.8930, 4.6610**, and **84.9690, 63.1790, 5.8910** is the 20% darker color. If you saturate the color by 10%, you get **126.4180, 80.9680, 8.3920**, and if you desaturate by 10%, it is **148.2290, 59.5110, 6.2870**.

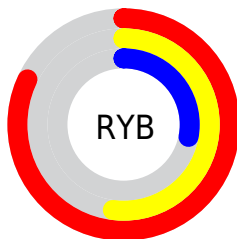
Distribution



Red (82%)

Green (45%)

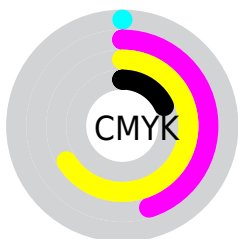
Blue (28%)



Red (82%)

Yellow (52%)

Blue (28%)

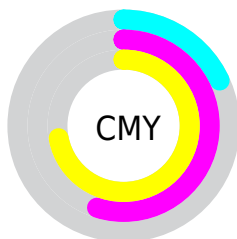


Cyan (0%)

Magenta (45%)

Yellow (66%)

Black (18%)



Cyan (18%)

Magenta (55%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.6170, 70.1020, 7.0780 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 137.6170, 70.1020, 7.0780 by changing the saturation by 10% instead.

137.6170, 70.1020,
7.0780

137.6170, 70.1020,
7.0780

255.0000, -0.0000,
-0.0000

111.2360, 66.8010,
6.3290

188.1820, 66.8930,
4.6610

84.9690, 63.1790,
5.8910

207.5820, 50.8470,
-1.8970

58.8870, 60.4740,
5.3540

227.0960, 34.4800,
-8.1440

35.1390, 51.2570,
12.7050

247.3110, 17.5170,
-14.6030

19.1360, 38.1440,
13.5680

252.2640, 7.7040,
-7.4640

11.7750, 22.9230,
8.5790

0.0000, 0.0000,

0.0000

■ 137.6170, 70.1020,
7.0780

■ 137.6170, 70.1020,
7.0780

■ 126.4180, 80.9680,
8.3920

■ 148.2290, 59.5110,
6.2870

■ 115.8060, 91.5590,
9.1830

■ 159.4280, 48.6450,
4.9730

■ 104.6070,
102.4250, 10.4970

■ 170.6270, 37.7790,
3.6590

■ 100.0590,
106.9640, 10.8360

■ 181.2390, 27.1880,
2.8680

■ 192.4380, 16.3220,
1.5540

■ 203.0500, 5.7310,
0.7630

■ 214.1350, -4.8140,
-0.8620

■ 224.7470,
-15.4050, -1.6530

■ 235.3760,
-24.6660, -4.5220

Harmonies

Analogous

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



138.1450, 69.4560, 29.8080



137.6170, 70.1020, 7.0780



135.9500, 55.0220, -16.9940

Triad

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



137.6170, 70.1020, 7.0780



108.3010, -83.1160, -46.5720



138.0950, -41.7270, 23.8490

Complementary

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



137.6170, 70.1020, 7.0780



143.3830, -70.1020, -7.0780

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.



113.5690, -114.4840, -6.7080



137.6170, 70.1020, 7.0780



114.2460, -98.4780, -32.4780

Square

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



137.6170, 70.1020, 7.0780



124.9820, -19.0660, -39.9460



116.4580, -110.2180, -17.9460



143.7120, 11.1800, 39.6920

Rectangle

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



137.6170, 70.1020, 7.0780



133.4050, 37.1430, -28.8810



116.4580, -110.2180, -17.9460



131.9070, -64.9250, 14.7470

Sweetspot

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



137.6170, 70.1020, 7.0780



228.6410, 25.9960, 2.4440



123.9070, 50.8360, 58.9000



111.5520, 16.0010, 1.8650



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.



137.6170, 70.1020, 7.0780



149.9060, 103.0210, 10.7090



177.5330, 51.4020, -28.4860



99.0500, 5.7310, 0.7630



80.1690, 86.1030, 8.9430



19.3030, 21.1360, 2.4160

Inverse Universe

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



143.3830, -70.1020, -7.0780



158.5070, -102.7460, -10.1860



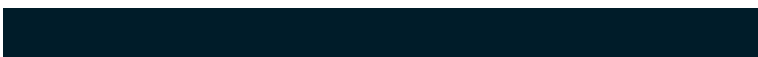
103.4670, -51.4020, 28.4860



99.3630, -5.4560, -0.2400



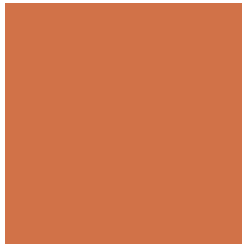
87.8310, -86.1030, -8.9430



21.1100, -20.8610, -1.8930

Previews

White Background



This preview shows how the YIQ color 137.6170, 70.1020, 7.0780 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 137.6170, 70.1020, 7.0780 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 137.6170, 70.1020, 7.0780

Background



This preview shows how black text looks on a background with the YIQ color 137.6170, 70.1020, 7.0780.



This preview shows how white text looks on a background with the YIQ color 137.6170, 70.1020,

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

137.6170, 70.1020, 7.0780

Protanopia

137.4600, 27.2830, -15.3810

Deuteranopia

137.5500, 44.7050, -11.7350



Tritanopia

140.5950, 59.1410, 24.0130

Trichromacy



Original Color

137.6170, 70.1020, 7.0780

Protanomaly

137.8150, 42.6410, -7.3670

Deuteranomaly

137.4420, 54.0570, -5.0070

Tritanomaly

139.6460, 63.1310, 17.7790

Monochromacy



Original Color

137.6170, 70.1020, 7.0780

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7550, 25.6750, 2.7550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.6170, 70.1020, 7.0780 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(209, 114, 72)` looks like.

```
.text, #text, p{  
    color:rgb(209, 114, 72)  
}
```

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(209, 114, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 114, 72) }
```

Border

The CSS property to change the border of an element to YIQ 137.6170, 70.1020, 7.0780 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(209, 114, 72) }
```


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

```
.border{ border-color:rgb(209, 114, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 114, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 114, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 114, 72);  
box-shadow:4px 4px 4px 4px rgb(209, 114,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 137.6170, 70.1020, 7.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 114, 72) }
```

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

```
.background{ background-color: rgb(209,  
114, 72) }
```

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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