

Converting Colors

YIQ(172.9930, 36.2680, -7.5080)

Have a look what the booklet for
YIQ(172.9930, 36.2680, -7.5080)
contains.

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Color

**YIQ(172.9930, 36.2680,
-7.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA878
RGB	203, 168, 120
RGB Percent	80%, 66%, 47%
CMY	0.2039, 0.3412, 0.5292
CMYK	0.00, 0.17, 0.41, 0.20
HSL	35°, 44%, 63%
HSV	35°, 41%, 80%
XYZ	42.0252, 42.0554, 23.6865
YIQ	172.9930, 36.2680, -7.5080

Conversions

Conversions Part 2

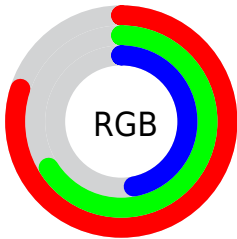
Format	Color
RYB	181, 203, 120
Decimal	13346936
CIELab	70.91, 6.31, 29.56
CIElCh	71, 30.224, 77.957
Yxy	42.0554, 0.3900, 0.3902
Android (android.graphics.Color)	4291537016 (0xFFCBA878)
YUV	172.9930, -26.1255, 26.3161
Hunter-Lab	64.8501, 2.1866, 23.7394

Details

The YIQ color **172.9930, 36.2680, -7.5080** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.0070, -36.2680, 7.5080**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8680, 35.1220, -8.7660**, and **120.1390, 32.9210, -7.4230** is the 20% darker color. If you saturate the color by 10%, you get **165.4300, 45.1630, -9.0210**, and if you desaturate by 10%, it is **180.5560, 27.3730, -5.9950**.

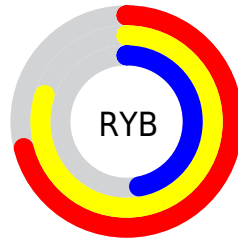
Distribution



Red (80%)

Green (66%)

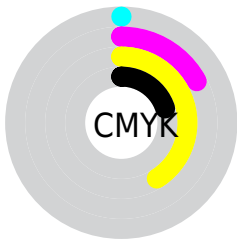
Blue (47%)



Red (71%)

Yellow (80%)

Blue (47%)

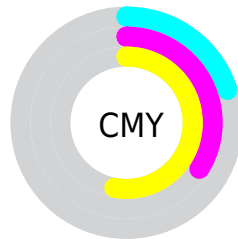


Cyan (0%)

Magenta (17%)

Yellow (41%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9930, 36.2680, -7.5080 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 172.9930, 36.2680, -7.5080 by changing the saturation by 10% instead.

■ 172.9930, 36.2680,
-7.5080

■ 172.9930, 36.2680,
-7.5080

255.0000, -0.0000,
-0.0000

■ 146.5090, 34.7550,
-7.6210

■ 226.8680, 35.1220,
-8.7660

■ 120.1390, 32.9210,
-7.4230

■ 246.9690, 18.4800,
-15.5360

■ 95.3560, 30.8120,
-7.7480

■ 252.0360, 8.3460,
-8.0860

■ 70.8720, 29.2990,
-7.8610

■ 47.6330, 28.4740,
-9.4300

■ 28.1300, 19.9450,
-3.5350

■ 5.6810, 11.3240,

4.0280

■ 0.0000, 0.0000,
0.0000

■ 172.9930, 36.2680,
-7.5080

■ 172.9930, 36.2680,
-7.5080

■ 165.4300, 45.1630,
-9.0210

■ 180.5560, 27.3730,
-5.9950

■ 158.3400, 54.1040,
-11.3680

■ 187.6460, 18.4320,
-3.6480

■ 150.7770, 62.9990,
-12.8810

■ 195.2090, 9.5370,
-2.1350

■ 143.8010, 71.6190,
-14.9170

■ 202.1850, 0.9170,
-0.0990

■ 136.2380, 80.5140,
-16.4300

■ 209.8620, -8.2990,
1.7250

■ 129.3760, 88.8130,
-18.1550

■ 216.8380,
-16.9190, 3.7610

■ 223.6030,
-23.5670, 3.0970

■ 228.8860,
-26.0420, -1.6100

■ 233.5820,
-28.2420, -5.7940

Harmonies

Analogous

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



174.9870, 45.5730, 5.5810



172.9930, 36.2680, -7.5080



170.3170, 17.3800, -17.6280

Triad

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



172.9930, 36.2680, -7.5080



159.1000, -59.6000, -21.2000



177.7630, 6.0020, 23.3940

Complementary

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



172.9930, 36.2680, -7.5080



150.0070, -36.2680, 7.5080

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.



173.9920, -22.7440, 15.7200



172.9930, 36.2680, -7.5080



160.3740, -65.8830, -11.9550

Square

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



172.9930, 36.2680, -7.5080



162.4970, -36.0330, -24.2970



167.1300, -49.9760, 2.6320



177.6810, 29.6600, 24.1560

Rectangle

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



172.9930, 36.2680, -7.5080



167.8850, 0.9210, -22.2070



167.1300, -49.9760, 2.6320



176.9190, -3.3050, 21.3590

Sweetspot

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



172.9930, 36.2680, -7.5080



243.8350, 13.5260, -2.8420



148.9210, 37.9120, 28.7920



121.2520, 7.9780, -1.4140



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.



172.9930, 36.2680, -7.5080



209.6390, 54.7000, -11.1560



191.7440, 23.0670, -27.0850



98.5120, 4.3100, -1.0180



105.9860, 72.5360, -15.0160



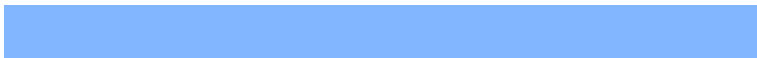
24.2760, 16.5980, -3.4500

Inverse Universe

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



150.0070, -36.2680, 7.5080



175.3610, -54.7000, 11.1560



131.2560, -23.0670, 27.0850



95.4880, -4.3100, 1.0180



60.0140, -72.5360, 15.0160



13.7240, -16.5980, 3.4500

Previews

White Background



This preview shows how the YIQ color 172.9930, 36.2680, -7.5080 looks on a white background.

Color Contrast Check

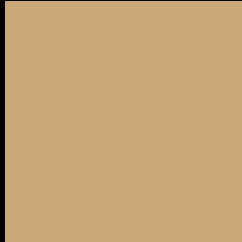
Large Text (above 18pt) WCAG AA × Fail

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 172.9930, 36.2680, -7.5080 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 172.9930, 36.2680, -7.5080

Background



This preview shows how black text looks on a background with the YIQ color 172.9930, 36.2680, -7.5080.



This preview shows how white text looks on a background with the YIQ color 172.9930, 36.2680, -7.5080.

-7.5080.

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

172.9930, 36.2680, -7.5080

Protanopia

171.9590, 24.4400, -13.4160

Deuteranopia

173.0150, 39.2020, -5.6140



Tritanopia

176.5350, 23.8390, 14.0070

Trichromacy



Original Color

172.9930, 36.2680, -7.5080

Protanomaly

172.4650, 28.8870, -11.4090

Deuteranomaly

173.3030, 38.3310, -6.3490

Tritanomaly

175.4180, 28.2420, 5.7940

Monochromacy



Original Color

172.9930, 36.2680, -7.5080

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9490, 13.2050, -2.5310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9930, 36.2680, -7.5080 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(203, 168, 120)` looks like.

```
.text, #text, p{  
    color:rgb(203, 168, 120)  
}
```

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(203, 168, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 168, 120) }
```

Border

The CSS property to change the border of an element to YIQ 172.9930, 36.2680, -7.5080 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(203, 168, 120) }
```


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

```
.border{ border-color:rgb(203, 168, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 168, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 168, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 168, 120);  
box-shadow:4px 4px 4px 4px rgb(203, 168,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9930, 36.2680, -7.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 168, 120) }
```

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

```
.background{ background-color: rgb(203,  
168, 120) }
```

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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