

Converting Colors

YIQ(172.1710, 37.9220,
-26.4780)

Have a look what the booklet for
YIQ(172.1710, 37.9220, -26.4780)
contains.

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Color

**YIQ(172.1710, 37.9220,
-26.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B355
RGB	192, 179, 85
RGB Percent	75%, 70%, 33%
CMY	0.2471, 0.2980, 0.6664
CMYK	0.00, 0.07, 0.56, 0.25
HSL	53°, 46%, 54%
HSV	53°, 56%, 75%
XYZ	39.4974, 44.1002, 15.0367
YIQ	172.1710, 37.9220, -26.4780

Conversions

Conversions Part 2

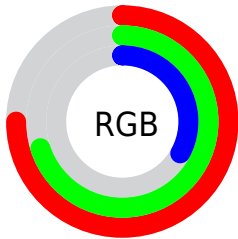
Format	Color
RYB	100, 192, 85
Decimal	12628821
CIELab	72.30, -7.47, 48.86
CIELCh	72, 49.423, 98.688
Yxy	44.1002, 0.4004, 0.4471
Android (android.graphics.Color)	4290818901 (0xFFC0B355)
YUV	172.1710, -42.9753, 17.3900
Hunter-Lab	66.4080, -10.0479, 33.0607

Details

The YIQ color **172.1710, 37.9220, -26.4780** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **104.8290, -37.9220, 26.4780**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3130, 40.3980, -27.2980**, and **118.9750, 35.5380, -27.3260** is the 20% darker color. If you saturate the color by 10%, you get **168.8310, 44.5710, -31.3410**, and if you desaturate by 10%, it is **175.5110, 31.2730, -21.6150**.

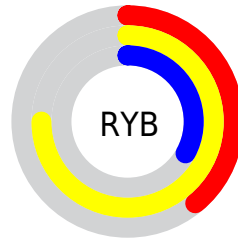
Distribution



Red (75%)

Green (70%)

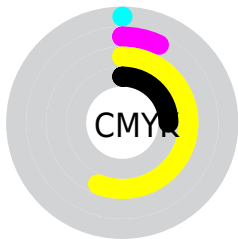
Blue (33%)



Red (39%)

Yellow (75%)

Blue (33%)

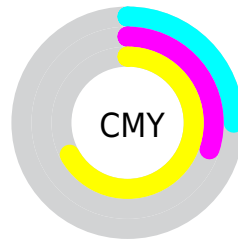


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.1710, 37.9220, -26.4780 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 172.1710, 37.9220, -26.4780 by changing the saturation by 10% instead.

■ 172.1710, 37.9220,
-26.4780

■ 172.1710, 37.9220,
-26.4780

255.0000, -0.0000,
-0.0000

■ 144.9860, 37.0050,
-26.3790

■ 228.3130, 40.3980,
-27.2980

■ 118.9750, 35.5380,
-27.3260

■ 244.7400, 28.8900,
-27.9900

■ 92.4650, 36.9140,
-30.2380

■ 247.8180, 20.2230,
-19.5930

■ 70.6030, 28.0180,
-23.1980

■ 251.1240, 10.9140,
-10.5740

■ 49.3280, 18.8470,
-16.6810

■ 254.4300, 1.6050,
-1.5550

■ 29.5260, 9.7220,
-10.9980

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 172.1710, 37.9220,
-26.4780

■ 172.1710, 37.9220,
-26.4780

■ 168.8310, 44.5710,
-31.3410

■ 175.5110, 31.2730,
-21.6150

■ 164.9040, 51.4950,
-35.6810

■ 179.4380, 24.3490,
-17.2750

■ 161.4500, 58.4650,
-40.8550

■ 182.8920, 17.3790,
-12.1010

■ 158.1100, 65.1140,
-45.7180

■ 186.2320, 10.7300,
-7.2380

■ 156.6110, 67.9570,
-47.6830

■ 190.1590, 3.8060,
-2.8980

■ 193.4990, -2.8430,
1.9650

■ 196.8390, -9.4920,
6.8280

■ 200.8800,
-16.7370, 11.4790

■ 203.8780,
-22.4230, 15.4090

Harmonies

Analogous

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



175.3520, 62.9980, -7.3540



172.1710, 37.9220, -26.4780



166.7300, -0.6810, -37.2330

Triad

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



172.1710, 37.9220, -26.4780



142.6740, -128.9220, -31.4020



182.1250, 37.8180, 41.5140

Complementary

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



172.1710, 37.9220, -26.4780



104.8290, -37.9220, 26.4780

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.



181.3940, -5.6000, 35.4240



172.1710, 37.9220, -26.4780



141.1870, -134.3800, -20.5880

Square

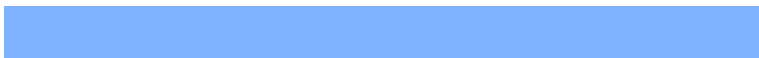
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.1710, 37.9220, -26.4780



139.5330, -115.9440, -46.3440



171.2300, -55.7090, 12.9230



177.3490, 60.1940, 32.4660

Rectangle

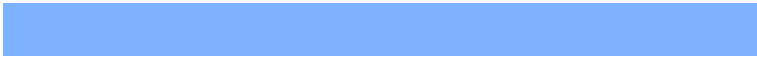
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.1710, 37.9220, -26.4780



160.8540, -33.3250, -40.3410



171.2300, -55.7090, 12.9230



182.1820, 24.4760, 41.0200

Sweetspot

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



172.1710, 37.9220, -26.4780



242.1630, 15.1780, -10.7580



118.5890, 59.2780, 27.0380



120.3890, 8.8500, -6.2060



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.1710, 37.9220, -26.4780



219.1080, 59.4280, -41.7880



168.1410, 11.1030, -41.5450



95.2730, 3.4850, -2.5870



130.9060, 57.1810, -39.6110



26.8900, 11.6930, -8.1710

Inverse Universe

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



104.8290, -37.9220, 26.4780



113.4790, -59.7030, 41.2650



108.8590, -11.1030, 41.5450



88.7270, -3.4850, 2.5870



30.0940, -57.1810, 39.6110



6.1100, -11.6930, 8.1710

Previews

White Background



This preview shows how the YIQ color 172.1710, 37.9220, -26.4780 looks on a white background.

Color Contrast Check

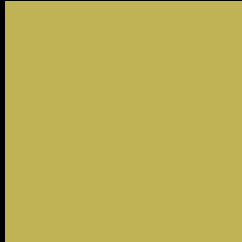
Large Text (above 18pt) WCAG AA × Fail

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 172.1710, 37.9220, -26.4780 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 172.1710, 37.9220, -26.4780

Background



This preview shows how black text looks on a background with the YIQ color 172.1710, 37.9220, -26.4780.



This preview shows how white text looks on a background with the YIQ color 172.1710, 37.9220, -26.4780.

-26.4780.

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

172.1710, 37.9220, -26.4780

Protanopia

172.1930, 40.8560, -24.5840

Deuteranopia

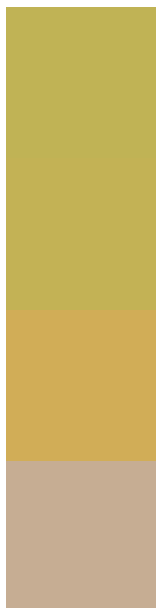
174.4170, 55.2050, -14.8030



Tritanopia

180.0500, 14.8990, 10.8270

Trichromacy



Original Color

172.1710, 37.9220, -26.4780

Protanomaly

172.4810, 39.9850, -25.3190

Deuteranomaly

173.9600, 49.0620, -19.1140

Tritanomaly

177.5110, 23.2460, -2.7860

Monochromacy



Original Color

172.1710, 37.9220, -26.4780

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.2060, 13.6190, -10.0370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.1710, 37.9220, -26.4780 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(192, 179, 85)` looks like.

```
.text, #text, p{  
    color:rgb(192, 179, 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(192, 179, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 179, 85) }
```

Border

The CSS property to change the border of an element to YIQ 172.1710, 37.9220, -26.4780 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(192, 179, 85) }
```


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

```
.border{ border-color:rgb(192, 179, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 179, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 179, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 179, 85);  
box-shadow:4px 4px 4px 4px rgb(192, 179,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 172.1710, 37.9220, -26.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 179, 85) }
```

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

```
.background{ background-color: rgb(192,  
179, 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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