

Converting Colors

YIQ(172.8750, 59.6070,
-17.4890)

Have a look what the booklet for
YIQ(172.8750, 59.6070, -17.4890)
contains.

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Color

**YIQ(172.8750, 59.6070,
-17.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA84D
RGB	219, 168, 77
RGB Percent	86%, 66%, 30%
CMY	0.1411, 0.3412, 0.6977
CMYK	0.00, 0.23, 0.65, 0.14
HSL	38°, 66%, 58%
HSV	38°, 65%, 86%
XYZ	44.5593, 43.5968, 13.1022
YIQ	172.8750, 59.6070, -17.4890

Conversions

Conversions Part 2

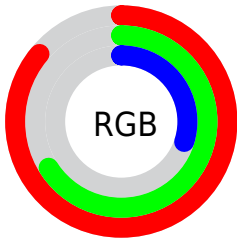
Format	Color
RYB	157, 219, 77
Decimal	14395469
CIELab	71.96, 9.29, 52.91
CIELCh	72, 53.722, 80.040
Yxy	43.5968, 0.4401, 0.4306
Android (android.graphics.Color)	4292585549 (0xFFDBA84D)
YUV	172.8750, -47.2664, 40.4516
Hunter-Lab	66.0279, 4.9131, 34.4544

Details

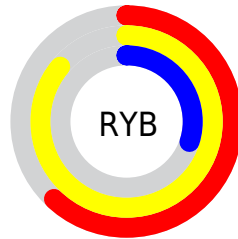
The YIQ color **172.8750, 59.6070, -17.4890** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **123.1250, -59.6070, 17.4890**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8520, 49.2460, -22.4500**, and **118.5540, 56.0770, -19.5950** is the 20% darker color. If you saturate the color by 10%, you get **165.6710, 68.8690, -20.1470**, and if you desaturate by 10%, it is **180.0790, 50.3450, -14.8310**.

Distribution



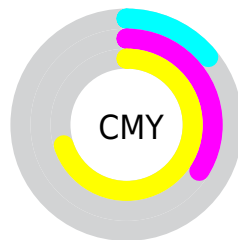
- Red (86%)
- Green (66%)
- Blue (30%)



- Red (62%)
- Yellow (86%)
- Blue (30%)



- Cyan (0%)
- Magenta (23%)
- Yellow (65%)
- Black (14%)



- Cyan (14%)
- Magenta (34%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.8750, 59.6070, -17.4890 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 172.8750, 59.6070, -17.4890 by changing the saturation by 10% instead.

172.8750, 59.6070,
-17.4890

172.8750, 59.6070,
-17.4890

255.0000, -0.0000,
-0.0000

145.6790, 57.2230,
-18.3370

221.8520, 49.2460,
-22.4500

118.5540, 56.0770,
-19.5950

241.9530, 32.6040,
-29.2200

93.4720, 53.3720,
-20.1320

246.9060, 22.7910,
-22.0810

71.0120, 43.2840,
-13.5160

250.0980, 13.8030,
-13.3730

50.0250, 33.2420,
-7.7340

253.4040, 4.4940,
-4.3540

30.2120, 22.6500,
-2.9980

8.0730, 16.0920,

5.7240

■ 0.0000, 0.0000,
0.0000

■ 172.8750, 59.6070,
-17.4890

■ 172.8750, 59.6070,
-17.4890

■ 165.6710, 68.8690,
-20.1470

■ 180.0790, 50.3450,
-14.8310

■ 158.4670, 78.1310,
-22.8050

■ 187.2830, 41.0830,
-12.1730

■ 151.2630, 87.3930,
-25.4630

■ 194.4870, 31.8210,
-9.5150

■ 147.6610, 92.0240,
-26.7920

■ 201.1040, 22.8340,
-6.3340

■ 208.3080, 13.5720,
-3.6760

■ 215.3980, 4.6310,
-1.3290

■ 222.6020, -4.6310,
1.3290

■ 229.8060,
-13.8930, 3.9870

■ 234.8440,
-17.0560, 0.7360

Harmonies

Analogous

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



175.4390, 76.4750, 7.2190



172.8750, 59.6070, -17.4890



168.8550, 26.8280, -34.6760

Triad

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



172.8750, 59.6070, -17.4890



141.6990, -122.0430, -40.4350



181.4890, 13.4260, 43.0420

Complementary

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



172.8750, 59.6070, -17.4890



123.1250, -59.6070, 17.4890

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.



174.6070, -37.4170, 22.8310



172.8750, 59.6070, -17.4890



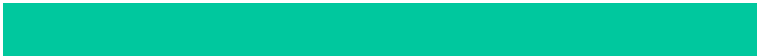
144.1390, -134.4250, -25.2810

Square

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



172.8750, 59.6070, -17.4890



135.4120, -105.7180, -55.4620



138.2520, -133.0050, -17.9730



178.3070, 51.9850, 43.5770

Rectangle

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



172.8750, 59.6070, -17.4890



163.9530, -2.9270, -40.5830



138.2520, -133.0050, -17.9730



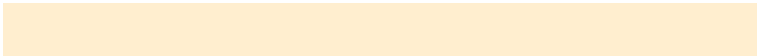
181.2850, -3.6750, 39.0850

Sweetspot

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



172.8750, 59.6070, -17.4890



239.5490, 20.0830, -6.0370



125.3860, 67.9400, 46.2760



118.1230, 12.6550, -3.5770



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.



172.8750, 59.6070, -17.4890



190.0500, 83.6790, -24.2330



197.1310, 34.2580, -48.1900



106.3980, 4.6310, -1.3290



116.8840, 72.5830, -21.3770



30.7770, 19.4410, -5.4150

Inverse Universe

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



123.1250, -59.6070, 17.4890



120.9500, -83.6790, 24.2330



98.8690, -34.2580, 48.1900



102.6020, -4.6310, 1.3290



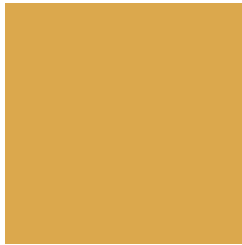
56.1160, -72.5830, 21.3770



15.2230, -19.4410, 5.4150

Previews

White Background



This preview shows how the YIQ color 172.8750, 59.6070, -17.4890 looks on a white background.

Color Contrast Check

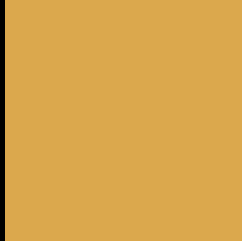
Large Text (above 18pt) WCAG AA × Fail

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 172.8750, 59.6070, -17.4890 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 172.8750, 59.6070, -17.4890

Background



This preview shows how black text looks on a background with the YIQ color 172.8750, 59.6070, -17.4890.



This preview shows how white text looks on a background with the YIQ color 172.8750, 59.6070, -17.4890.

-17.4890.

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

172.8750, 59.6070, -17.4890

Protanopia

171.6230, 42.4610, -26.1390

Deuteranopia

172.8750, 59.6070, -17.4890



Tritanopia

179.7000, 36.6760, 18.1480

Trichromacy



Original Color

172.8750, 59.6070, -17.4890

Protanomaly

172.1400, 48.3750, -23.1850

Deuteranomaly

172.8750, 59.6070, -17.4890

Tritanomaly

177.2750, 44.7020, 4.8460

Monochromacy



Original Color

172.8750, 59.6070, -17.4890

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9190, 21.9170, -6.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.8750, 59.6070, -17.4890 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(219, 168, 77)` looks like.

```
.text, #text, p{  
    color:rgb(219, 168, 77)  
}
```

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(219, 168, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 168, 77) }
```

Border

The CSS property to change the border of an element to YIQ 172.8750, 59.6070, -17.4890 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(219, 168, 77) }
```


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

```
.border{ border-color:rgb(219, 168, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 168, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 168, 77); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 168, 77); box-shadow:4px 4px 4px 4px rgb(219, 168, 77) }
```

Background

The CSS property to change the background color of an element to YIQ 172.8750, 59.6070, -17.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 168, 77) }
```

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

```
.background{ background-color: rgb(219,  
168, 77) }
```

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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