

Converting Colors

YIQ(172.4660, 70.7040,
-25.8720)

Have a look what the booklet for
YIQ(172.4660, 70.7040, -25.8720)
contains.

YIQ(172.4660, 70.7040, -25.8720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(172.4660, 70.7040,
-25.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AA32
RGB	224, 170, 50
RGB Percent	88%, 67%, 20%
CMY	0.1215, 0.3334, 0.8035
CMYK	0.00, 0.24, 0.78, 0.12
HSL	41°, 74%, 54%
HSV	41°, 78%, 88%
XYZ	45.6929, 44.8214, 9.2715
YIQ	172.4660, 70.7040, -25.8720

Conversions

Conversions Part 2

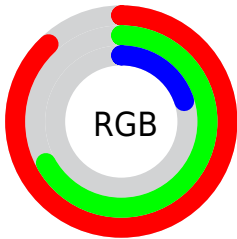
Format	Color
RYB	128, 224, 50
Decimal	14723634
CIELab	72.77, 9.04, 65.07
CIELCh	73, 65.695, 82.090
Yxy	44.8214, 0.4579, 0.4492
Android (android.graphics.Color)	4292913714 (0xFFE0AA32)
YUV	172.4660, -60.3757, 45.1953
Hunter-Lab	66.9488, 4.6668, 38.6533

Details

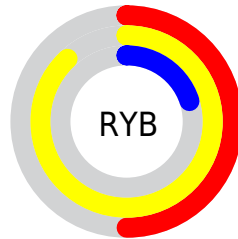
The YIQ color **172.4660, 70.7040, -25.8720** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **101.5340, -70.7040, 25.8720**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2900, 56.4000, -30.9600**, and **118.3020, 65.2940, -26.9460** is the 20% darker color. If you saturate the color by 10%, you get **165.8490, 79.6910, -29.0530**, and if you desaturate by 10%, it is **179.1970, 61.3960, -22.3800**.

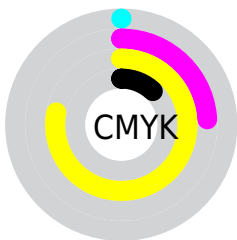
Distribution



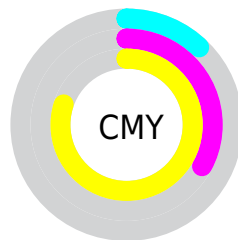
- Red (88%)
- Green (67%)
- Blue (20%)



- Red (50%)
- Yellow (88%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4660, 70.7040, -25.8720 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 172.4660, 70.7040, -25.8720 by changing the saturation by 10% instead.

172.4660, 70.7040,
-25.8720

172.4660, 70.7040,
-25.8720

255.0000, -0.0000,
-0.0000

144.3580, 70.8880,
-29.2080

220.2900, 56.4000,
-30.9600

118.3020, 65.2940,
-26.9460

240.5050, 39.4370,
-37.4190

95.5430, 54.6100,
-20.5420

244.1700, 30.4950,
-29.5450

72.7840, 43.9260,
-14.1380

247.4760, 21.1860,
-20.5260

51.7970, 33.8840,
-8.3560

250.6680, 12.1980,
-11.8180

31.3970, 23.5670,
-3.0970

253.9740, 2.8890,

10.1330, 15.8630,

-2.7990

4.3670

■ 0.0000, 0.0000,
0.0000

■ 172.4660, 70.7040,
-25.8720

■ 172.4660, 70.7040,
-25.8720

■ 165.8490, 79.6910,
-29.0530

■ 179.1970, 61.3960,
-22.3800

■ 159.1180, 88.9990,
-32.5450

■ 185.8140, 52.4090,
-19.1990

■ 157.3740, 91.1540,
-33.0540

■ 192.4310, 43.4220,
-16.0180

■ 199.1620, 34.1140,
-12.5260

■ 205.7790, 25.1270,
-9.3450

■ 212.5100, 15.8190,
-5.8530

■ 219.1270, 6.8320,
-2.6720

■ 225.7440, -2.1550,
0.5090

■ 232.4750,
-11.4630, 4.0010

Harmonies

Analogous

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



171.6370, 84.5450, 4.1370



172.4660, 70.7040, -25.8720



167.3740, 29.2600, -45.7160

Triad

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



172.4660, 70.7040, -25.8720



146.8170, -128.1870, -39.2190



183.9340, 19.8430, 53.4030

Complementary

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



172.4660, 70.7040, -25.8720



101.5340, -70.7040, 25.8720

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.



173.7210, -37.7380, 23.1420



172.4660, 70.7040, -25.8720



148.2310, -137.6800, -26.8640

Square

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



172.4660, 70.7040, -25.8720



139.7490, -108.2850, -58.5010



140.6000, -134.1050, -20.0650



172.0780, 54.3680, 49.9520

Rectangle

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



172.4660, 70.7040, -25.8720



161.3940, -9.0230, -51.2550



140.6000, -134.1050, -20.0650



181.9810, 3.2930, 44.9650

Sweetspot

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



172.4660, 70.7040, -25.8720



237.7080, 23.8890, -8.9350



108.2960, 86.0490, 53.9930



116.8520, 14.8560, -4.9200



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.



172.4660, 70.7040, -25.8720



184.5440, 96.4270, -35.0050



194.5960, 36.7820, -60.8980



108.9850, 4.3560, -1.8520



123.6510, 71.6210, -25.9710



33.7230, 19.5330, -7.0830

Inverse Universe

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



101.5340, -70.7040, 25.8720



88.4560, -96.4270, 35.0050



79.4040, -36.7820, 60.8980



104.0150, -4.3560, 1.8520



52.3490, -71.6210, 25.9710



14.2770, -19.5330, 7.0830

Previews

White Background



This preview shows how the YIQ color 172.4660, 70.7040, -25.8720 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 172.4660, 70.7040, -25.8720 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 172.4660, 70.7040, -25.8720

Background



This preview shows how black text looks on a background with the YIQ color 172.4660, 70.7040, -25.8720.



This preview shows how white text looks on a background with the YIQ color 172.4660, 70.7040, -25.8720.

-25.8720.

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

172.4660, 70.7040, -25.8720

Protanopia

171.1000, 53.8790, -34.8330

Deuteranopia

172.7650, 71.3000, -25.6600



Tritanopia

182.1950, 39.6560, 19.2080

Trichromacy



Original Color

172.4660, 70.7040, -25.8720

Protanomaly

171.6170, 59.7930, -31.8790

Deuteranomaly

172.7650, 71.3000, -25.6600

Tritanomaly

178.6300, 50.8920, 2.7960

Monochromacy



Original Color

172.4660, 70.7040, -25.8720

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0780, 25.7230, -9.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4660, 70.7040, -25.8720 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(224, 170, 50)` looks like.

```
.text, #text, p{  
    color:rgb(224, 170, 50)  
}
```

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(224, 170, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 170, 50) }
```

Border

The CSS property to change the border of an element to YIQ 172.4660, 70.7040, -25.8720 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(224, 170, 50) }
```


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

```
.border{ border-color:rgb(224, 170, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 170, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 170, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 170, 50);  
box-shadow:4px 4px 4px 4px rgb(224, 170,  
50) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4660, 70.7040, -25.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 170, 50) }
```

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

```
.background{ background-color: rgb(224,  
170, 50) }
```

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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