

Converting Colors

YIQ(177.4060, 70.9330,
-24.5150)

Have a look what the booklet for
YIQ(177.4060, 70.9330, -24.5150)
contains.

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Color

**YIQ(177.4060, 70.9330,
-24.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AE39
RGB	230, 174, 57
RGB Percent	90%, 68%, 22%
CMY	0.0980, 0.3177, 0.7761
CMYK	0.00, 0.24, 0.75, 0.10
HSL	41°, 78%, 56%
HSV	41°, 75%, 90%
XYZ	48.5104, 47.3848, 10.4727
YIQ	177.4060, 70.9330, -24.5150

Conversions

Conversions Part 2

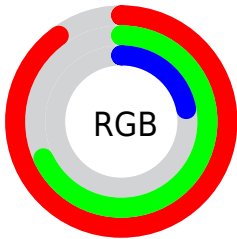
Format	Color
RYB	140, 230, 57
Decimal	15117881
CIELab	74.44, 9.77, 64.29
CIELCh	74, 65.026, 81.357
Yxy	47.3848, 0.4561, 0.4455
Android (android.graphics.Color)	4293307961 (0xFFE6AE39)
YUV	177.4060, -59.3602, 46.1249
Hunter-Lab	68.8366, 5.3281, 39.1653

Details

The YIQ color **177.4060, 70.9330, -24.5150** is a light color, and the websafe version is hex **CC9933**. The color can be described as light washed orange. A complement of this color would be **109.5940, -70.9330, 24.5150**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.4360, 53.0530, -30.8750**, and **122.4440, 67.7700, -27.7660** is the 20% darker color. If you saturate the color by 10%, you get **170.6750, 80.2410, -28.0070**, and if you desaturate by 10%, it is **184.1370, 61.6250, -21.0230**.

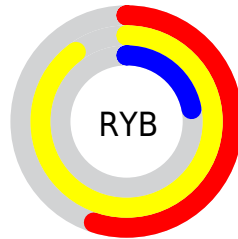
Distribution



Red (90%)

Green (68%)

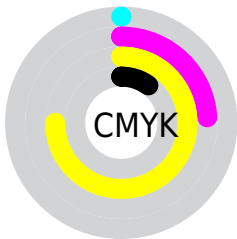
Blue (22%)



Red (55%)

Yellow (90%)

Blue (22%)

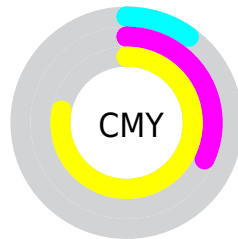


Cyan (0%)

Magenta (24%)

Yellow (75%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.4060, 70.9330, -24.5150 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 177.4060, 70.9330, -24.5150 by changing the saturation by 10% instead.

177.4060, 70.9330,
-24.5150

177.4060, 70.9330,
-24.5150

255.0000, -0.0000,
-0.0000

149.6400, 70.1540,
-26.9180

223.4360, 53.0530,
-30.8750

122.4440, 67.7700,
-27.7660

241.7760, 37.2360,
-36.0760

99.0980, 57.3610,
-20.8390

244.9680, 28.2480,
-27.3680

76.9260, 46.4020,
-14.9580

248.1600, 19.2600,
-18.6600

55.0530, 36.0390,
-8.8650

251.4660, 9.9510,
-9.6410

34.6530, 25.7220,
-3.6060

254.7720, 0.6420,

14.5630, 17.4680,

-0.6220

2.8120

■ 0.0000, 0.0000,
0.0000

■ 177.4060, 70.9330,
-24.5150

■ 177.4060, 70.9330,
-24.5150

■ 170.6750, 80.2410,
-28.0070

■ 184.1370, 61.6250,
-21.0230

■ 163.3570, 89.8240,
-30.9760

■ 191.4550, 52.0420,
-18.0540

■ 159.7550, 94.4550,
-32.3050

■ 198.1860, 42.7340,
-14.5620

■ 205.5040, 33.1510,
-11.5930

■ 212.2350, 23.8430,
-8.1010

■ 219.5530, 14.2600,
-5.1320

■ 226.2840, 4.9520,
-1.6400

■ 233.6020, -4.6310,
1.3290

■ 239.3070,
-11.0500, 2.0220

Harmonies

Analogous

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



175.2560, 81.2440, 3.3880



177.4060, 70.9330, -24.5150



172.3850, 30.7270, -44.7690

Triad

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



177.4060, 70.9330, -24.5150



150.0940, -130.5250, -40.9010



187.9940, 19.6140, 52.0460

Complementary

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



177.4060, 70.9330, -24.5150



109.5940, -70.9330, 24.5150

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.



177.2540, -37.9210, 20.9510



177.4060, 70.9330, -24.5150



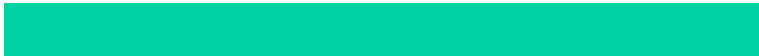
150.5790, -138.7800, -28.9560

Square

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



177.4060, 70.9330, -24.5150



142.4390, -110.3480, -59.6600



143.5350, -135.4800, -22.6800



175.6970, 51.0670, 49.2030

Rectangle

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



177.4060, 70.9330, -24.5150



166.8780, -7.5100, -51.1420



143.5350, -135.4800, -22.6800



186.4000, 3.4310, 42.4630

Sweetspot

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



177.4060, 70.9330, -24.5150



237.1210, 24.1640, -8.4120



115.3390, 84.4900, 54.7140



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.



177.4060, 70.9330, -24.5150



185.3420, 94.1800, -32.8280



201.6070, 38.2490, -59.9510



111.2840, 4.9520, -1.6400



124.5480, 73.4090, -25.3350



35.2070, 21.0460, -6.9700

Inverse Universe

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



109.5940, -70.9330, 24.5150



95.2450, -94.4550, 32.3050



85.3930, -38.2490, 59.9510



106.7160, -4.9520, 1.6400



54.4520, -73.4090, 25.3350



15.7930, -21.0460, 6.9700

Previews

White Background



This preview shows how the YIQ color 177.4060, 70.9330, -24.5150 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 177.4060, 70.9330, -24.5150 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 177.4060, 70.9330, -24.5150

Background



This preview shows how black text looks on a background with the YIQ color 177.4060, 70.9330, -24.5150.



This preview shows how white text looks on a background with the YIQ color 177.4060, 70.9330, -24.5150.

-24.5150.

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

177.4060, 70.9330, -24.5150

Protanopia

176.1430, 52.3200, -34.1120

Deuteranopia

177.4060, 70.9330, -24.5150



Tritanopia

186.7930, 40.8480, 19.6320

Trichromacy



Original Color

177.4060, 70.9330, -24.5150

Protanomaly

176.3720, 59.1050, -30.4230

Deuteranomaly

177.4060, 70.9330, -24.5150

Tritanomaly

183.3420, 51.7630, 3.5310

Monochromacy



Original Color

177.4060, 70.9330, -24.5150

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.0780, 25.7230, -9.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.4060, 70.9330, -24.5150 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(230, 174, 57)` looks like.

```
.text, #text, p{  
    color:rgb(230, 174, 57)  
}
```

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(230, 174, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 174, 57) }
```

Border

The CSS property to change the border of an element to YIQ 177.4060, 70.9330, -24.5150 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(230, 174, 57) }
```


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

```
.border{ border-color:rgb(230, 174, 57) }
```

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

Here you see how a box with a 4 pixel rgb(230, 174, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 174, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 174, 57);  
box-shadow:4px 4px 4px 4px rgb(230, 174,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 177.4060, 70.9330, -24.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 174, 57) }
```

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

```
.background{ background-color: rgb(230,  
174, 57) }
```

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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