

Converting Colors

YIQ(172.7600, -10.5340,
-62.4220)

Have a look what the booklet for
YIQ(172.7600, -10.5340, -62.4220)
contains.

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Color

**YIQ(172.7600, -10.5340,
-62.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	7CD84E
RGB	124, 216, 78
RGB Percent	49%, 85%, 31%
CMY	0.5140, 0.1528, 0.6940
CMYK	0.43, 0.00, 0.64, 0.15
HSL	100°, 64%, 58%
HSV	100°, 64%, 85%
XYZ	34.2424, 53.9610, 15.8216
YIQ	172.7600, -10.5340, -62.4220

Conversions

Conversions Part 2

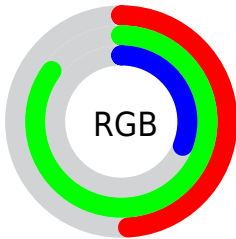
Format	Color
RYB	78, 216, 170
Decimal	8181838
CIELab	78.44, -51.29, 57.68
CIElCh	78, 77.184, 131.643
Yxy	53.9610, 0.3292, 0.5187
Android (android.graphics.Color)	4286371918 (0xFF7CD84E)
YUV	172.7600, -46.7167, -42.7625
Hunter-Lab	73.4581, -45.3443, 38.6507

Details

The YIQ color **172.7600, -10.5340, -62.4220** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **121.2400, 10.5340, 62.4220**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1510, -4.0250, -53.7290**, and **115.1790, -10.3960, -64.9240** is the 20% darker color. If you saturate the color by 10%, you get **166.0660, -11.8160, -72.2320**, and if you desaturate by 10%, it is **179.4540, -9.2520, -52.6120**.

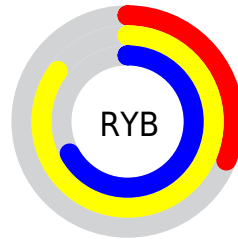
Distribution



Red (49%)

Green (85%)

Blue (31%)



Red (31%)

Yellow (85%)

Blue (67%)

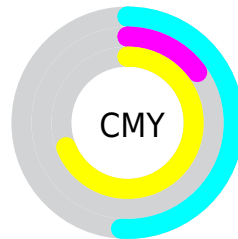


Cyan (43%)

Magenta (0%)

Yellow (64%)

Black (15%)



Cyan (51%)

Magenta (15%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7600, -10.5340, -62.4220 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 172.7600, -10.5340, -62.4220 by changing the saturation by 10% instead.

■ 172.7600,
-10.5340, -62.4220

■ 172.7600,
-10.5340, -62.4220

■ 255.0000, -0.0000,
-0.0000

■ 144.4610,
-11.1300, -62.6340

■ 219.1510, -4.0250,
-53.7290

■ 115.1790,
-10.3960, -64.9240

■ 231.0140, 4.2710,
-38.8730

■ 87.3290, -19.5660,
-63.9340

■ 243.1760, 13.1630,
-23.8050

■ 63.3960, -29.7000,
-56.4840

■ 250.6680, 12.1980,
-11.8180

■ 48.1340, -22.5500,
-42.8860

■ 253.9740, 2.8890,
-2.7990

■ 34.0460, -15.9500,
-30.3340

■ 21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 172.7600,
-10.5340, -62.4220

■ 172.7600,
-10.5340, -62.4220

■ 166.0660,
-11.8160, -72.2320

■ 179.4540, -9.2520,
-52.6120

■ 159.1870,
-14.0150, -81.9430

■ 186.3330, -7.0530,
-42.9010

■ 152.4930,
-15.2970, -91.7530

■ 193.0270, -5.7710,
-33.0910

■ 148.3200,
-16.4880, -97.7040

■ 199.9060, -3.5720,
-23.3800

■ 206.6000, -2.2900,
-13.5700

■ 213.2940, -1.0080,
-3.7600

■ 220.1730, 1.1910,
5.9510

■ 226.8670, 2.4730,
15.7610

■ 231.8080, 10.1290,
20.1850

Harmonies

Analogous

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



180.8870, 58.1920, -52.4320



172.7600, -10.5340, -62.4220



148.7190, -108.7410, -72.2690

Triad

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



172.7600, -10.5340, -62.4220



154.6880, -140.7050, -32.6170



168.2990, 63.6310, 41.7670

Complementary

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



172.7600, -10.5340, -62.4220



121.2400, 10.5340, 62.4220

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.



181.7900, 38.0440, 59.4520



172.7600, -10.5340, -62.4220



170.4670, -78.9060, -1.7060

Square

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



172.7600, -10.5340, -62.4220



161.1450, -143.7300, -38.3700



193.8310, 12.4630, 43.9750



172.4010, 79.6380, 10.4700

Rectangle

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



172.7600, -10.5340, -62.4220



156.1800, -125.6160, -58.2880



193.8310, 12.4630, 43.9750



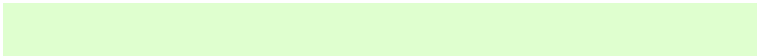
170.4480, 56.2020, 49.7540

Sweetspot

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



172.7600, -10.5340, -62.4220



239.9600, -3.6640, -21.7120



173.2660, 56.9480, -18.8600



118.6000, -2.2900, -13.5700



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.



172.7600, -10.5340, -62.4220



193.4870, -15.1600, -88.7280



161.6280, -45.3330, -65.0210



103.6530, -0.6410, -4.9050



117.4200, -13.0530, -77.3490



29.4270, -3.4810, -19.5210

Inverse Universe

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



121.2400, 10.5340, 62.4220



120.5130, 15.1600, 88.7280



132.3720, 45.3330, 65.0210



99.6460, 1.2370, 5.1170



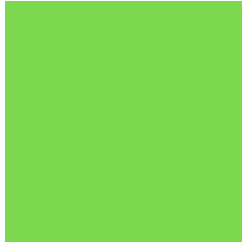
53.5800, 13.0530, 77.3490



13.5730, 3.4810, 19.5210

Previews

White Background



This preview shows how the YIQ color 172.7600, -10.5340, -62.4220 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 172.7600, -10.5340, -62.4220 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 172.7600, -10.5340, -62.4220 Background



This preview shows how black text looks on a background with the YIQ color 172.7600, -10.5340, -62.4220.



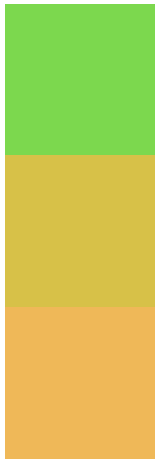
This preview shows how white text looks on a background with the YIQ color 172.7600, -10.5340, -62.4220.

-62.4220.

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

172.7600, -10.5340, -62.4220

Protanopia

185.7840, 51.9530, -32.9670

Deuteranopia

189.5010, 63.5960, -18.1960



Tritanopia

187.3790, -37.9160, -6.6840

Trichromacy



Original Color

172.7600, -10.5340, -62.4220



Protanomaly

180.8410, 29.4430, -43.5250



Deuteranomaly

183.5310, 36.5480, -34.6200



Tritanomaly

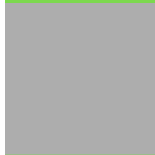
182.1080, -27.6880, -26.8560

Monochromacy



Original Color

172.7600, -10.5340, -62.4220



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

173.0200, -3.8930, -23.0690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7600, -10.5340, -62.4220 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(124, 216, 78)` looks like.

```
.text, #text, p{  
    color:rgb(124, 216, 78)  
}
```

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(124, 216, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 216, 78) }
```

Border

The CSS property to change the border of an element to YIQ 172.7600, -10.5340, -62.4220 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(124, 216, 78) }
```


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

```
.border{ border-color:rgb(124, 216, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 216, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 216, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 216, 78);  
box-shadow:4px 4px 4px 4px rgb(124, 216,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7600, -10.5340, -62.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 216, 78) }
```

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

```
.background{ background-color: rgb(124,  
216, 78) }
```

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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