

Converting Colors

YIQ(173.3730, -32.0340,
-80.2740)

Have a look what the booklet for
YIQ(173.3730, -32.0340, -80.2740)
contains.

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Color

**YIQ(173.3730, -32.0340,
-80.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	5DEA48
RGB	93, 234, 72
RGB Percent	36%, 92%, 28%
CMY	0.6357, 0.0821, 0.7176
CMYK	0.60, 0.00, 0.69, 0.08
HSL	112°, 79%, 60%
HSV	112°, 69%, 92%
XYZ	35.1122, 61.6684, 16.1834
YIQ	173.3730, -32.0340, -80.2740

Conversions

Conversions Part 2

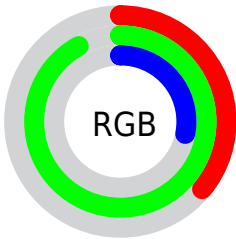
Format	Color
RYB	72, 234, 213
Decimal	6154824
CIELab	82.74, -66.82, 64.29
CIElCh	83, 92.732, 136.106
Yxy	61.6684, 0.3108, 0.5459
Android (android.graphics.Color)	4284344904 (0xFF5DEA48)
YUV	173.3730, -49.9769, -70.4871
Hunter-Lab	78.5292, -57.6147, 42.7519

Details

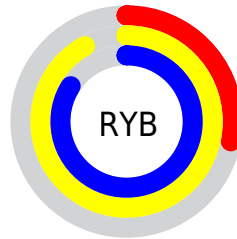
The YIQ color **173.3730, -32.0340, -80.2740** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **132.6270, 32.0340, 80.2740**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2200, -17.6410, -60.2730**, and **103.8990, -48.6750, -92.5710** is the 20% darker color. If you saturate the color by 10%, you get **164.4720, -37.1670, -91.8790**, and if you desaturate by 10%, it is **181.9750, -27.4970, -68.8810**.

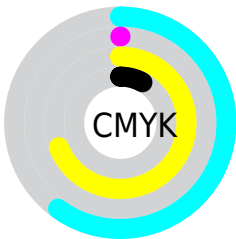
Distribution



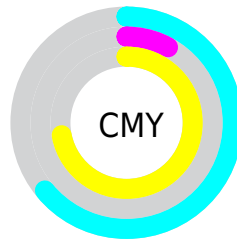
- Red (36%)
- Green (92%)
- Blue (28%)



- Red (28%)
- Yellow (92%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (69%)
- Black (8%)



- Cyan (64%)
- Magenta (8%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3730, -32.0340, -80.2740 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 173.3730, -32.0340, -80.2740 by changing the saturation by 10% instead.

■ 173.3730,
-32.0340, -80.2740

■ 173.3730,
-32.0340, -80.2740

■ 255.0000, -0.0000,
-0.0000

■ 141.7530,
-36.1600, -82.5920

■ 210.9210,
-18.2370, -60.4850

■ 103.8990,
-48.6750, -92.5710

■ 223.3820, -8.7490,
-45.2050

■ 87.4630, -40.9750,
-77.9270

■ 235.9570, 0.4180,
-29.6140

■ 71.6140, -33.5500,
-63.8060

■ 248.5320, 9.5850,
-14.0230

■ 56.3520, -26.4000,
-50.2080

■ 253.6320, 3.8520,
-3.7320

■ 41.6770, -19.5250,
-37.1330

■ 27.5890, -12.9250,

-24.5810

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 173.3730,
-32.0340, -80.2740

■ 173.3730,
-32.0340, -80.2740

■ 164.4720,
-37.1670, -91.8790

■ 181.9750,
-27.4970, -68.8810

■ 155.7560,
-41.3830, -103.5830

■ 190.9900,
-22.6850, -56.9650


■ 147.1540,
-45.9200, -114.9760


■ 199.5920,
-18.1480, -45.5720

■ 146.3280,
-46.4700, -116.0220

■ 208.3080,
-13.9320, -33.8680

 217.2090, -8.7990,
-22.2630

 225.8110, -4.2620,
-10.8700

 234.8260, 0.5500,
1.0460

 242.6730, 5.7750,
10.9830

Harmonies

Analogous

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



187.1900, 60.9920, -70.1440



173.3730, -32.0340, -80.2740



160.9950, -118.5060, -77.0180

Triad

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



173.3730, -32.0340, -80.2740



162.9060, -144.5550, -39.9390



161.7450, 68.3070, 45.1310

Complementary

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



173.3730, -32.0340, -80.2740



132.6270, 32.0340, 80.2740

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.



175.1850, 38.7300, 69.0500



173.3730, -32.0340, -80.2740



176.9680, -76.0630, -3.6710

Square

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



173.3730, -32.0340, -80.2740



171.1240, -148.4050, -47.2610



199.2350, 26.1250, 49.6850



172.3550, 85.2790, 1.8470

Rectangle

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



173.3730, -32.0340, -80.2740



169.1230, -138.6370, -59.0930



199.2350, 26.1250, 49.6850



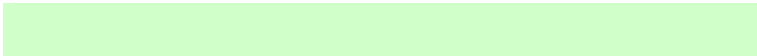
162.7030, 60.0980, 56.2420

Sweetspot

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



173.3730, -32.0340, -80.2740



234.7910, -10.6780, -26.7580



202.6180, 58.0520, -38.8760



115.9800, -6.4160, -15.8880



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.



173.3730, -32.0340, -80.2740



175.8160, -41.6120, -104.9400



173.8200, -63.4890, -66.3770



112.7560, -2.4290, -5.5410



113.1240, -36.0670, -89.7870



33.7910, -10.6780, -26.7580

Inverse Universe

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



132.6270, 32.0340, 80.2740



122.4830, 42.2080, 105.1520



132.1800, 63.4890, 66.3770



110.2440, 2.4290, 5.5410



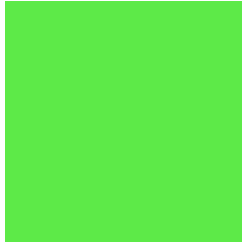
67.8760, 36.0670, 89.7870



20.2090, 10.6780, 26.7580

Previews

White Background



This preview shows how the YIQ color 173.3730, -32.0340, -80.2740 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 173.3730, -32.0340, -80.2740 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 173.3730, -32.0340, -80.2740 Background



This preview shows how black text looks on a background with the YIQ color 173.3730, -32.0340, -80.2740.



This preview shows how white text looks on a background with the YIQ color 173.3730, -32.0340, -80.2740.

-80.2740.

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

173.3730, -32.0340, -80.2740

Protanopia

196.1020, 59.5650, -38.7630

Deuteranopia

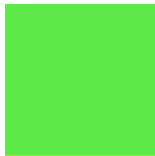
199.6280, 70.4280, -20.8680



Tritanopia

194.0280, -59.0970, -13.7930

Trichromacy



Original Color

173.3730, -32.0340, -80.2740



Protanomaly

188.2500, 26.3730, -53.9710



Deuteranomaly

190.2220, 32.7440, -42.7760



Tritanomaly

186.2360, -48.9600, -37.8240

Monochromacy



Original Color

173.3730, -32.0340, -80.2740



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

173.0250, -11.4570, -29.1610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3730, -32.0340, -80.2740 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(93, 234, 72)` looks like.

```
.text, #text, p{  
    color:rgb(93, 234, 72)  
}
```

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(93, 234, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 234, 72) }
```

Border

The CSS property to change the border of an element to YIQ 173.3730, -32.0340, -80.2740 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(93, 234, 72) }
```


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

```
.border{ border-color:rgb(93, 234, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 234, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 234, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 234, 72);  
box-shadow:4px 4px 4px 4px rgb(93, 234,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3730, -32.0340, -80.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 234, 72) }
```

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

```
.background{ background-color: rgb(93, 234,  
72) }
```

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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