

Converting Colors

YIQ(172.7580, -42.5830,
-59.7910)

Have a look what the booklet for
YIQ(172.7580, -42.5830, -59.7910)
contains.

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Color

**YIQ(172.7580, -42.5830,
-59.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	5FDF76
RGB	95, 223, 118
RGB Percent	37%, 87%, 46%
CMY	0.6278, 0.1253, 0.5373
CMYK	0.57, 0.00, 0.47, 0.13
HSL	131°, 67%, 62%
HSV	131°, 57%, 87%
XYZ	34.3802, 56.5393, 26.2337
YIQ	172.7580, -42.5830, -59.7910

Conversions

Conversions Part 2

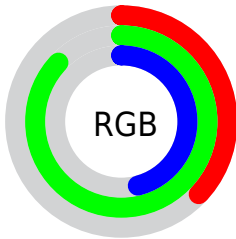
Format	Color
RYB	95, 204, 223
Decimal	6283126
CIELab	79.92, -57.19, 40.93
CIELCh	80, 70.329, 144.412
Yxy	56.5393, 0.2935, 0.4826
Android (android.graphics.Color)	4284473206 (0xFF5FDF76)
YUV	172.7580, -26.9957, -68.1938
Hunter-Lab	75.1926, -49.9718, 31.9493

Details

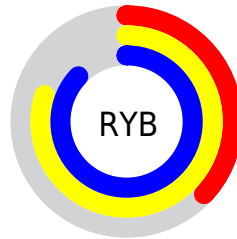
The YIQ color **172.7580, -42.5830, -59.7910** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **145.2420, 42.5830, 59.7910**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6380, -32.9570, -47.0130**, and **110.4510, -57.8960, -63.1120** is the 20% darker color. If you saturate the color by 10%, you get **164.1280, -49.9170, -70.0530**, and if you desaturate by 10%, it is **181.3880, -35.2490, -49.5290**.

Distribution



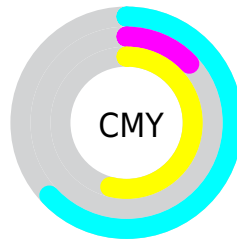
- Red (37%)
- Green (87%)
- Blue (46%)



- Red (37%)
- Yellow (80%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (63%)
- Magenta (13%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7580, -42.5830, -59.7910 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 172.7580, -42.5830, -59.7910 by changing the saturation by 10% instead.

■ 172.7580,
-42.5830, -59.7910

■ 172.7580,
-42.5830, -59.7910

■ 255.0000, -0.0000,
-0.0000

■ 143.4910,
-46.2050, -60.2290

■ 215.6380,
-32.9570, -47.0130

■ 110.1520,
-58.4920, -63.3240

■ 227.6860,
-23.7440, -32.2560

■ 86.9680, -51.9820,
-60.1580

■ 239.9620,
-15.1730, -16.8770

■ 67.9270, -35.5690,
-54.7450

■ 252.0100, -5.9600,
-2.1200

■ 51.0690, -23.9250,
-45.5010

■ 36.3940, -17.0500,
-32.4260

■ 23.4800, -11.0000,

-20.9200

■ 0.0000, 0.0000,
0.0000

■ 172.7580,
-42.5830, -59.7910

■ 172.7580,
-42.5830, -59.7910

■ 164.1280,
-49.9170, -70.0530

■ 181.3880,
-35.2490, -49.5290

■ 155.0850,
-57.5260, -80.8380

■ 190.4310,
-27.6400, -38.7440

■ 146.4550,
-64.8600, -91.1000

■ 199.0610,
-20.3060, -28.4820

■ 137.8250,
-72.1940, -101.3620

■ 207.6910,
-12.9720, -18.2200

■ 135.4610,
-74.1650, -104.1890

■ 216.3210, -5.6380,
-7.9580

■ 225.3640, 1.9710,
2.8270

■ 233.9940, 9.3050,
13.0890

■ 236.2160, 8.8000,
16.7360

Harmonies

Analogous

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



185.7280, 28.0230, -50.8330



172.7580, -42.5830, -59.7910



155.2850, -121.7180, -62.8540

Triad

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



172.7580, -42.5830, -59.7910



151.7530, -139.3300, -30.0020



177.0580, 65.1470, 25.2990

Complementary

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



172.7580, -42.5830, -59.7910



145.2420, 42.5830, 59.7910

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.



182.1200, 45.3820, 47.6060



172.7580, -42.5830, -59.7910



191.4740, -26.9170, 19.7630

Square

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



172.7580, -42.5830, -59.7910



160.5580, -143.4550, -37.8470



198.0610, 26.6750, 50.7310



183.5880, 77.0730, -3.6230

Rectangle

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



172.7580, -42.5830, -59.7910



161.1160, -136.7590, -49.0710



198.0610, 26.6750, 50.7310



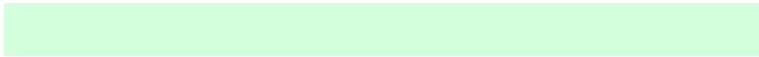
176.5170, 59.7810, 34.4450

Sweetspot

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



172.7580, -42.5830, -59.7910



238.0390, -14.0720, -20.3120



202.1290, 28.5720, -44.2600



117.8320, -8.7550, -12.0430



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.



172.7580, -42.5830, -59.7910



185.9600, -58.6720, -82.0960



179.8260, -62.4850, -40.5090



107.6850, -3.6670, -5.1310



106.9600, -58.6720, -82.0960



29.2020, -16.0890, -22.3050

Inverse Universe

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



145.2420, 42.5830, 59.7910



148.0400, 58.6720, 82.0960



138.1740, 62.4850, 40.5090



105.3150, 3.6670, 5.1310



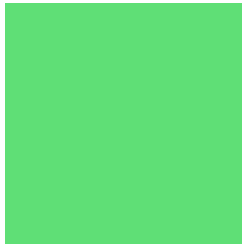
69.0400, 58.6720, 82.0960



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 172.7580, -42.5830, -59.7910 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 172.7580, -42.5830, -59.7910 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 172.7580, -42.5830, -59.7910 Background



This preview shows how black text looks on a background with the YIQ color 172.7580, -42.5830, -59.7910.



This preview shows how white text looks on a background with the YIQ color 172.7580, -42.5830, -59.7910.

-59.7910.

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

172.7580, -42.5830, -59.7910

Protanopia

192.6490, 39.5720, -23.3400

Deuteranopia

195.6970, 48.7850, -8.5830



Tritanopia

186.6260, -57.9050, -13.3690

Trichromacy



Original Color

172.7580, -42.5830, -59.7910



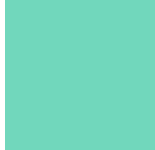
Protanomaly

185.1180, 9.9100, -36.4420



Deuteranomaly

187.4380, 15.1810, -27.3390



Tritanomaly

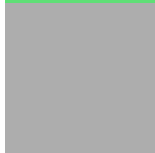
181.4240, -52.1250, -30.0210

Monochromacy



Original Color

172.7580, -42.5830, -59.7910



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.9140, -15.2180, -21.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7580, -42.5830, -59.7910 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(95, 223, 118)` looks like.

```
.text, #text, p{  
    color:rgb(95, 223, 118)  
}
```

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(95, 223, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 223, 118) }
```

Border

The CSS property to change the border of an element to YIQ 172.7580, -42.5830, -59.7910 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(95, 223, 118) }
```


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

```
.border{ border-color:rgb(95, 223, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 223, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 223, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 223, 118);  
box-shadow:4px 4px 4px 4px rgb(95, 223,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7580, -42.5830, -59.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 223, 118) }
```

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

```
.background{ background-color: rgb(95, 223,  
118) }
```

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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