

Converting Colors

YIQ(177.9980, -7.9680,
-53.8560)

Have a look what the booklet for
YIQ(177.9980, -7.9680, -53.8560)
contains.

YIQ(177.9980, -7.9680, -53.8560)	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(177.9980, -7.9680,
-53.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	89D75F
RGB	137, 215, 95
RGB Percent	54%, 84%, 37%
CMY	0.4630, 0.1567, 0.6274
CMYK	0.36, 0.00, 0.56, 0.16
HSL	99°, 60%, 61%
HSV	99°, 56%, 84%
XYZ	36.6806, 54.7567, 19.4660
YIQ	177.9980, -7.9680, -53.8560

Conversions

Conversions Part 2

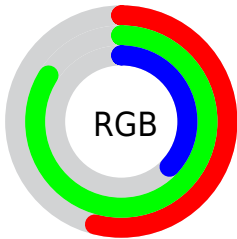
Format	Color
RYB	95, 215, 173
Decimal	9033567
CIELab	78.90, -45.03, 50.95
CIELCh	79, 67.998, 131.466
Yxy	54.7567, 0.3307, 0.4937
Android (android.graphics.Color)	4287223647 (0xFF89D75F)
YUV	177.9980, -40.9180, -35.9552
Hunter-Lab	73.9978, -41.0138, 36.2015

Details

The YIQ color **177.9980, -7.9680, -53.8560** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **132.0020, 7.9680, 53.8560**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.6770, -2.3300, -45.8980**, and **122.9270, -9.2060, -53.4460** is the 20% darker color. If you saturate the color by 10%, you get **171.4180, -9.5710, -63.3550**, and if you desaturate by 10%, it is **184.6920, -6.6860, -44.0460**.

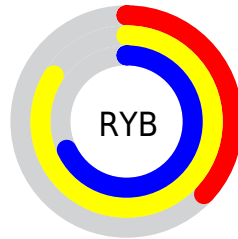
Distribution



Red (54%)

Green (84%)

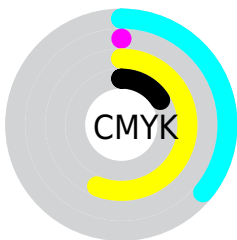
Blue (37%)



Red (37%)

Yellow (84%)

Blue (68%)

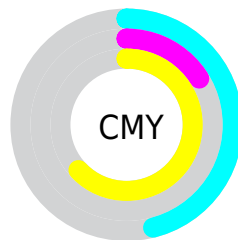


Cyan (36%)

Magenta (0%)

Yellow (56%)

Black (16%)



Cyan (46%)

Magenta (16%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.9980, -7.9680, -53.8560 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 177.9980, -7.9680, -53.8560 by changing the saturation by 10% instead.

■ 177.9980, -7.9680,
-53.8560

■ 177.9980, -7.9680,
-53.8560

255.0000, -0.0000,
-0.0000

■ 150.2260, -8.6100,
-53.2340

■ 224.6770, -2.3300,
-45.8980

■ 122.9270, -9.2060,
-53.4460

■ 236.4260, 6.2870,
-31.3530

■ 94.5310, -8.1510,
-56.0470

■ 248.5880, 15.1790,
-16.2850

■ 67.2940, -20.4850,
-52.7810

■ 252.4920, 7.0620,
-6.8420

■ 48.1340, -22.5500,
-42.8860

■ 34.0460, -15.9500,
-30.3340

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 177.9980, -7.9680,
-53.8560

■ 177.9980, -7.9680,
-53.8560

■ 171.4180, -9.5710,
-63.3550

■ 184.6920, -6.6860,
-44.0460

■ 164.7240,
-10.8530, -73.1650

■ 191.2720, -5.0830,
-34.5470

■ 158.1440,
-12.4560, -82.6640

■ 197.9660, -3.8010,
-24.7370

■ 151.4500,
-13.7380, -92.4740

■ 204.5460, -2.1980,
-15.2380

■ 148.6300,
-14.4250, -96.5450

■ 211.2400, -0.9160,
-5.4280

■ 217.8200, 0.6870,
4.0710

■ 224.5140, 1.9690,
13.8810

■ 229.7260, 7.4240,
19.6480

■ 231.5200, 11.0000,
20.9200

Harmonies

Analogous

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



186.1330, 49.1120, -42.0560



177.9980, -7.9680, -53.8560



148.9300, -110.7130, -69.5690

Triad

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



177.9980, -7.9680, -53.8560



154.1010, -140.4300, -32.0940



176.9730, 58.4970, 35.6890

Complementary

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



177.9980, -7.9680, -53.8560



132.0020, 7.9680, 53.8560

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.



187.7910, 36.3030, 52.4550



177.9980, -7.9680, -53.8560



178.8280, -63.6850, 3.2830

Square

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



177.9980, -7.9680, -53.8560



159.9710, -143.1800, -37.3240



196.4560, 9.0250, 40.2010



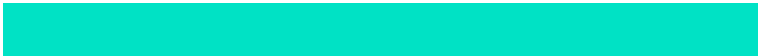
179.0520, 73.3110, 9.4950

Rectangle

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



177.9980, -7.9680, -53.8560



155.1200, -125.3870, -56.9310



196.4560, 9.0250, 40.2010



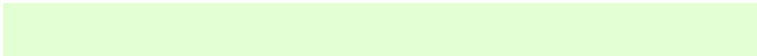
178.8940, 51.7100, 43.0540

Sweetspot

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



177.9980, -7.9680, -53.8560



241.7260, -2.8850, -19.3090



176.6660, 50.0700, -15.3540



119.9530, -1.7860, -11.6900



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.



177.9980, -7.9680, -53.8560



202.3170, -11.2650, -76.7130



167.4920, -38.7780, -57.1620



103.6530, -0.6410, -4.9050



118.3170, -11.2650, -76.7130



29.7260, -2.8850, -19.3090

Inverse Universe

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



132.0020, 7.9680, 53.8560



136.6830, 11.2650, 76.7130



142.5080, 38.7780, 57.1620



99.3470, 0.6410, 4.9050



52.6830, 11.2650, 76.7130



13.2740, 2.8850, 19.3090

Previews

White Background



This preview shows how the YIQ color 177.9980, -7.9680, -53.8560 looks on a white background.

Color Contrast Check

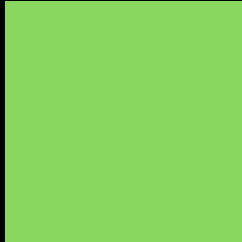
Large Text (above 18pt) WCAG AA × Fail

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 177.9980, -7.9680, -53.8560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

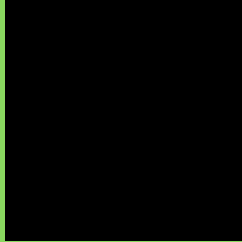
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 177.9980, -7.9680, -53.8560

Background



This preview shows how black text looks on a background with the YIQ color 177.9980, -7.9680, -53.8560.



This preview shows how white text looks on a background with the YIQ color 177.9980, -7.9680,

-53.8560.

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

177.9980, -7.9680, -53.8560

Protanopia

189.1950, 46.5420, -28.5140

Deuteranopia

191.4990, 57.9100, -14.2660



Tritanopia

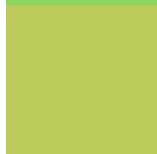
190.3690, -31.9560, -4.5640

Trichromacy



Original Color

177.9980, -7.9680, -53.8560



Protanomaly

184.8610, 26.6910, -37.7010



Deuteranomaly

186.5510, 33.7960, -28.7960



Tritanomaly

186.0810, -23.0580, -22.6580

Monochromacy



Original Color

177.9980, -7.9680, -53.8560



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.7260, -2.8850, -19.3090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.9980, -7.9680, -53.8560 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(137, 215, 95)` looks like.

```
.text, #text, p{  
    color:rgb(137, 215, 95)  
}
```

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(137, 215, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 215, 95) }
```

Border

The CSS property to change the border of an element to YIQ 177.9980, -7.9680, -53.8560 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(137, 215, 95) }
```


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

```
.border{ border-color:rgb(137, 215, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 215, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 215, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 215, 95);  
box-shadow:4px 4px 4px 4px rgb(137, 215,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 177.9980, -7.9680, -53.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 215, 95) }
```

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

```
.background{ background-color: rgb(137,  
215, 95) }
```

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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