

Converting Colors

YIQ(187.5740, -0.5420,
-45.2620)

Have a look what the booklet for
YIQ(187.5740, -0.5420, -45.2620)
contains.

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Color

**YIQ(187.5740, -0.5420,
-45.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD96F
RGB	159, 217, 111
RGB Percent	62%, 85%, 44%
CMY	0.3767, 0.1489, 0.5646
CMYK	0.27, 0.00, 0.49, 0.15
HSL	93°, 58%, 64%
HSV	93°, 49%, 85%
XYZ	41.9772, 58.1519, 24.0568
YIQ	187.5740, -0.5420, -45.2620

Conversions

Conversions Part 2

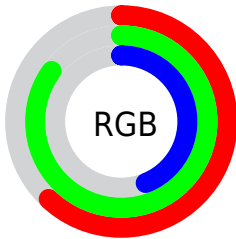
Format	Color
RYB	111, 217, 169
Decimal	10475887
CIELab	80.82, -36.57, 46.03
CIELCh	81, 58.789, 128.469
Yxy	58.1519, 0.3380, 0.4683
Android (android.graphics.Color)	4288665967 (0xFF9FD96F)
YUV	187.5740, -37.7510, -25.0594
Hunter-Lab	76.2574, -35.1920, 34.6760

Details

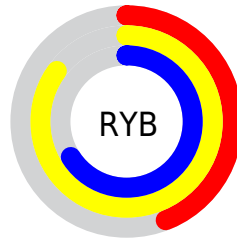
The YIQ color $187.5740, -0.5420, -45.2620$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $140.4260, 0.5420, 45.2620$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.0790, 5.6460, -36.2580$, and $132.9160, -1.5050, -44.3290$ is the 20% darker color. If you saturate the color by 10%, you get $181.4780, -0.6320, -54.6480$, and if you desaturate by 10%, it is $193.6700, -0.4520, -35.8760$.

Distribution



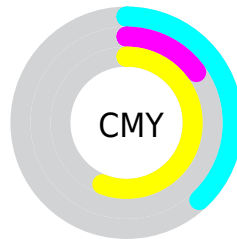
- Red (62%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (66%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)
- Black (15%)



- Cyan (38%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.5740, -0.5420, -45.2620 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 187.5740, -0.5420, -45.2620 by changing the saturation by 10% instead.

■ 187.5740, -0.5420,
-45.2620

■ 187.5740, -0.5420,
-45.2620

■ 255.0000, -0.0000,
-0.0000

■ 159.8020, -1.1840,
-44.6400

■ 233.0790, 5.6460,
-36.2580

■ 132.9160, -1.5050,
-44.3290

■ 244.8280, 14.2630,
-21.7130

■ 106.3290, -1.2300,
-43.8060

■ 251.1240, 10.9140,
-10.5740

■ 79.8190, 0.1460,
-46.7180

■ 254.4300, 1.6050,
-1.5550

■ 56.1740, -10.8590,
-40.0030

■ 35.8070, -16.7750,
-31.9030

■ 23.4800, -11.0000,

-20.9200

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 187.5740, -0.5420,
-45.2620

■ 187.5740, -0.5420,
-45.2620

■ 181.4780, -0.6320,
-54.6480

■ 193.6700, -0.4520,
-35.8760

■ 175.4960, -1.0430,
-63.7230

■ 199.6520, -0.0410,
-26.8010

■ 169.4000, -1.1330,
-73.1090

■ 205.7480, 0.0490,
-17.4150

■ 163.3040, -1.2230,
-82.4950

■ 211.8440, 0.1390,
-8.0290

■ 157.3220, -1.6340,
-91.5700

■ 217.6410, -0.3670,
1.1450

■ 156.6810, -1.2670,
-92.7150

■ 223.6230, 0.0440,
10.2200

■ 228.8070, 2.7020,
17.1180

■ 232.3950, 9.8540,
19.6620

■ 232.6940, 10.4500,
19.8740

Harmonies

Analogous

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



194.2610, 46.1760, -32.8960



187.5740, -0.5420, -45.2620



173.3980, -67.5720, -52.9480

Triad

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



187.5740, -0.5420, -45.2620



156.4490, -141.5300, -34.1860



187.9610, 49.6030, 31.6750

Complementary

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



187.5740, -0.5420, -45.2620



140.4260, 0.5420, 45.2620

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.



197.7530, 30.2980, 45.6420



187.5740, -0.5420, -45.2620



187.1230, -57.2660, 2.5900

Square

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



187.5740, -0.5420, -45.2620



161.7320, -144.0050, -38.8930



202.0050, 2.7450, 32.8650



187.9030, 63.5450, 10.2730

Rectangle

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



187.5740, -0.5420, -45.2620



156.1800, -125.6160, -58.2880



202.0050, 2.7450, 32.8650



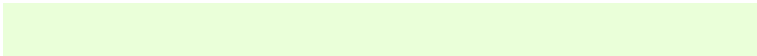
190.1270, 43.5040, 37.5840

Sweetspot

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



187.5740, -0.5420, -45.2620



244.3890, -0.3180, -16.2700



176.1530, 47.5010, -7.3390



121.4910, -0.3650, -9.9090



0.0000, 0.0000, 0.0000



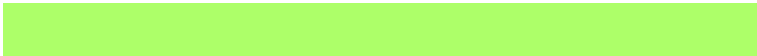
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



187.5740, -0.5420, -45.2620



213.3820, -0.7220, -64.0340



173.6780, -30.4340, -54.1940



106.9520, -0.0450, -4.6930



124.8730, -1.0870, -73.9430



33.2810, -0.1340, -19.6060

Inverse Universe

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



140.4260, 0.5420, 45.2620



146.6180, 0.7220, 64.0340



154.3220, 30.4340, 54.1940



102.0480, 0.0450, 4.6930



48.1270, 1.0870, 73.9430



12.7190, 0.1340, 19.6060

Previews

White Background



This preview shows how the YIQ color 187.5740, -0.5420, -45.2620 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 187.5740, -0.5420, -45.2620 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 187.5740, -0.5420, -45.2620

Background



This preview shows how black text looks on a background with the YIQ color 187.5740, -0.5420, -45.2620.



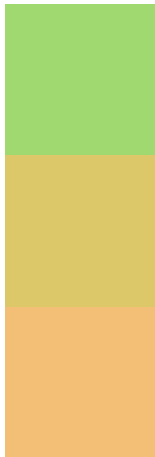
This preview shows how white text looks on a background with the YIQ color 187.5740, -0.5420,

-45.2620.

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

187.5740, -0.5420, -45.2620

Protanopia

195.1500, 42.4150, -25.3050

Deuteranopia

198.2260, 54.4250, -11.6790



Tritanopia

197.8540, -23.0160, -1.3840

Trichromacy



Original Color

187.5740, -0.5420, -45.2620



Protanomaly

192.3220, 27.0110, -32.4850



Deuteranomaly

193.8980, 34.4370, -23.8910



Tritanomaly

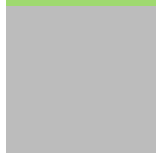
193.8480, -14.8520, -17.1880

Monochromacy



Original Color

187.5740, -0.5420, -45.2620



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9760, -0.5930, -16.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.5740, -0.5420, -45.2620 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(159, 217, 111)` looks like.

```
.text, #text, p{  
    color:rgb(159, 217, 111)  
}
```

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(159, 217, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 217, 111) }
```

Border

The CSS property to change the border of an element to YIQ 187.5740, -0.5420, -45.2620 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(159, 217, 111) }
```


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

```
.border{ border-color:rgb(159, 217, 111) }
```

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

Here you see how a box with a 4 pixel rgb(159, 217, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 217, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 217, 111);  
box-shadow:4px 4px 4px 4px rgb(159, 217,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 187.5740, -0.5420, -45.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 217, 111) }
```

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

```
.background{ background-color: rgb(159,  
217, 111) }
```

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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