

Converting Colors

YIQ(177.7280, -35.0120,
-92.3880)

Have a look what the booklet for
YIQ(177.7280, -35.0120, -92.3880)
contains.

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Color

**YIQ(177.7280, -35.0120,
-92.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	57F73B
RGB	87, 247, 59
RGB Percent	34%, 97%, 23%
CMY	0.6593, 0.0311, 0.7686
CMYK	0.65, 0.00, 0.76, 0.03
HSL	111°, 92%, 60%
HSV	111°, 76%, 97%
XYZ	37.9893, 68.8983, 15.4344
YIQ	177.7280, -35.0120, -92.3880

Conversions

Conversions Part 2

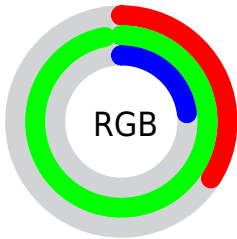
Format	Color
RYB	59, 247, 219
Decimal	5764923
CIELab	86.45, -73.30, 72.36
CIELCh	86, 103.003, 135.370
Yxy	68.8983, 0.3106, 0.5633
Android (android.graphics.Color)	4283955003 (0xFF57F73B)
YUV	177.7280, -58.5329, -79.5685
Hunter-Lab	83.0050, -63.5638, 47.0788

Details

The YIQ color **177.7280, -35.0120, -92.3880** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **128.2720, 35.0120, 92.3880**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2970, -16.5400, -63.7080**, and **110.9430, -51.9750, -98.8470** is the 20% darker color. If you saturate the color by 10%, you get **168.5990, -39.5030, -104.6150**, and if you desaturate by 10%, it is **186.8570, -30.5210, -80.1610**.

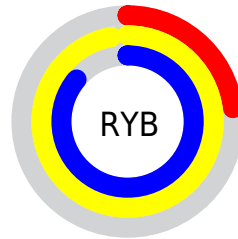
Distribution



Red (34%)

Green (97%)

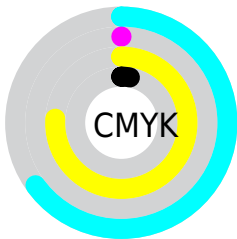
Blue (23%)



Red (23%)

Yellow (97%)

Blue (86%)

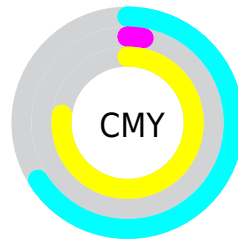


Cyan (65%)

Magenta (0%)

Yellow (76%)

Black (3%)



Cyan (66%)

Magenta (3%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.7280, -35.0120, -92.3880 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 177.7280, -35.0120, -92.3880 by changing the saturation by 10% instead.

■ 177.7280,
-35.0120, -92.3880

■ 177.7280,
-35.0120, -92.3880

■ 255.0000, -0.0000,
-0.0000

■ 142.8750,
-40.1000, -99.3000

■ 209.2970,
-16.5400, -63.7080

■ 110.9430,
-51.9750, -98.8470

■ 222.1710, -6.7770,
-47.9050

■ 94.5070, -44.2750,
-84.2030

■ 234.7460, 2.3900,
-32.3140

■ 78.6580, -36.8500,
-70.0820

■ 247.6200, 12.1530,
-16.5110

■ 62.8090, -29.4250,
-55.9610

■ 252.7200, 6.4200,
-6.2200

■ 47.5470, -22.2750,
-42.3630

■ 33.4590, -15.6750,

-29.8110

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 177.7280,
-35.0120, -92.3880

■ 177.7280,
-35.0120, -92.3880

■ 168.5990,
-39.5030, -104.6150

■ 186.8570,
-30.5210, -80.1610

■ 159.5840,
-44.3150, -116.5310

■ 195.8720,
-25.7090, -68.2450

■ 156.0520,
-45.8730, -121.3370

■ 205.0010,
-21.2180, -56.0180

■ 214.1300,
-16.7270, -43.7910

■ 223.2590,
-12.2360, -31.5640

■ 232.2740, -7.4240,
-19.6480

■ 241.4030, -2.9330,
-7.4210

■ 250.3040, 2.2000,
4.1840

Harmonies

Analogous

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



196.9360, 64.5230, -73.5650



177.7280, -35.0120, -92.3880



168.2670, -122.4480, -82.6720

Triad

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



177.7280, -35.0120, -92.3880



170.5370, -148.1300, -46.7380



157.9610, 67.9390, 51.8030

Complementary

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



177.7280, -35.0120, -92.3880



128.2720, 35.0120, 92.3880

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.



172.8200, 38.5000, 73.2200



177.7280, -35.0120, -92.3880



172.6610, -100.5440, -17.0560

Square

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



177.7280, -35.0120, -92.3880



178.7550, -151.9800, -54.0600



202.1700, 24.7500, 47.0700



172.0130, 86.2420, 0.9140

Rectangle

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



177.7280, -35.0120, -92.3880



176.1330, -144.5970, -61.2130



202.1700, 24.7500, 47.0700



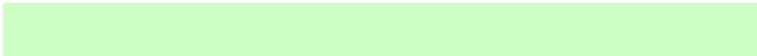
159.2610, 58.7670, 63.8470

Sweetspot

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



177.7280, -35.0120, -92.3880



233.3240, -10.8610, -28.9490



209.1320, 68.0480, -43.8240



114.6270, -6.9200, -17.7680



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.



177.7280, -35.0120, -92.3880



169.3500, -43.5360, -114.1280



176.8800, -72.8860, -77.7980



117.6420, -2.1080, -5.8520



117.5540, -34.4620, -91.3420



37.3240, -10.8610, -28.9490

Inverse Universe

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



128.2720, 35.0120, 92.3880



108.6500, 43.5360, 114.1280



129.1200, 72.8860, 77.7980



114.6570, 2.7040, 6.0640



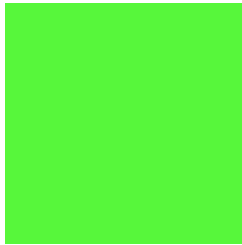
68.7450, 35.0580, 91.5540



21.6760, 10.8610, 28.9490

Previews

White Background



This preview shows how the YIQ color 177.7280, -35.0120, -92.3880 looks on a white background.

Color Contrast Check

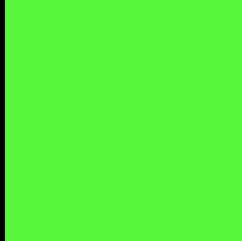
Large Text (above 18pt) WCAG AA × Fail

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 177.7280, -35.0120, -92.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

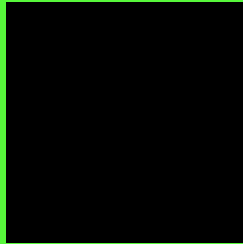
Any Text WCAG AA ✓ Pass

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 177.7280, -35.0120, -92.3880 Background



This preview shows how black text looks on a background with the YIQ color 177.7280, -35.0120, -92.3880.



This preview shows how white text looks on a background with the YIQ color 177.7280, -35.0120, -92.3880.

-92.3880.

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

177.7280, -35.0120, -92.3880

Protanopia

204.0780, 68.1400, -45.4920

Deuteranopia

212.6880, 53.0040, -13.4600



Tritanopia

202.2660, -65.6990, -15.2910

Trichromacy



Original Color

177.7280, -35.0120, -92.3880



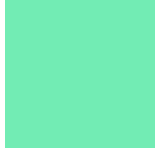
Protanomaly

194.7200, 30.5010, -62.7070



Deuteranomaly

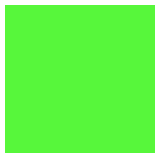
200.2900, 20.8690, -42.3230



Tritanomaly

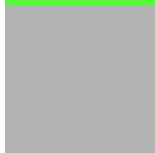
193.1380, -54.7360, -43.2800

Monochromacy



Original Color

177.7280, -35.0120, -92.3880



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

177.9060, -12.7400, -33.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.7280, -35.0120, -92.3880 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(87, 247, 59)` looks like.

```
.text, #text, p{  
    color:rgb(87, 247, 59)  
}
```

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(87, 247, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 247, 59) }
```

Border

The CSS property to change the border of an element to YIQ 177.7280, -35.0120, -92.3880 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(87, 247, 59) }
```


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

```
.border{ border-color:rgb(87, 247, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 247, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 247, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 247, 59);  
box-shadow:4px 4px 4px 4px rgb(87, 247,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 177.7280, -35.0120, -92.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 247, 59) }
```

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

```
.background{ background-color: rgb(87, 247,  
59) }
```

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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