

Converting Colors

YIQ(128.3980, 37.8800,
-47.7520)

Have a look what the booklet for
YIQ(128.3980, 37.8800, -47.7520)
contains.

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Color

**YIQ(128.3980, 37.8800,
-47.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	879505
RGB	135, 149, 5
RGB Percent	53%, 58%, 2%
CMY	0.4707, 0.4156, 0.9801
CMYK	0.09, 0.00, 0.97, 0.42
HSL	66°, 93%, 30%
HSV	66°, 97%, 58%
XYZ	20.7627, 26.6560, 4.1963
YIQ	128.3980, 37.8800, -47.7520

Conversions

Conversions Part 2

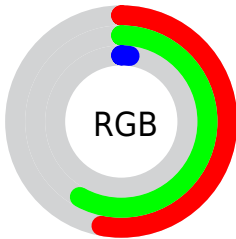
Format	Color
R_{YB}	5, 149, 19
Decimal	8885509
CIE _{Lab}	58.65, -20.66, 61.16
CIE _{LCh}	59, 64.553, 108.664
Yxy	26.6560, 0.4023, 0.5164
Android (android.graphics.Color)	4287075589 (0xFF879505)
YUV	128.3980, -60.8352, 5.7900
Hunter-Lab	51.6295, -18.5681, 31.3217

Details

The YIQ color **128.3980, 37.8800, -47.7520** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **25.6020, -37.8800, 47.7520**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8910, 35.1740, -42.7620**, and **81.7450, 21.3260, -34.0820** is the 20% darker color. If you saturate the color by 10%, you get **127.5290, 38.8890, -49.5190**, and if you desaturate by 10%, it is **130.4070, 33.6610, -42.8750**.

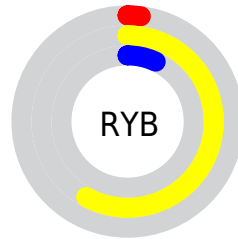
Distribution



Red (53%)

Green (58%)

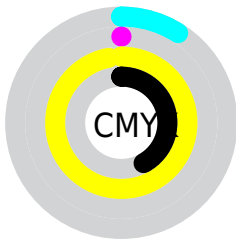
Blue (2%)



Red (2%)

Yellow (58%)

Blue (7%)

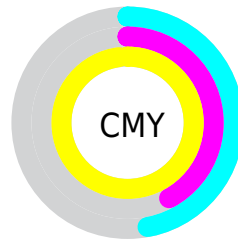


Cyan (9%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (47%)

Magenta (42%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.3980, 37.8800, -47.7520 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 128.3980, 37.8800, -47.7520 by changing the saturation by 10% instead.

■ 128.3980, 37.8800,
-47.7520

■ 128.3980, 37.8800,
-47.7520

■ 255.0000, -0.0000,
-0.0000

■ 104.1940, 29.9470,
-41.6450

■ 184.8910, 35.1740,
-42.7620

■ 81.7450, 21.3260,
-34.0820

■ 213.0760, 36.0910,
-42.8610

■ 60.1710, 11.5590,
-27.7770

■ 239.0270, 37.7870,
-40.5570

■ 38.8960, 2.3880,
-21.2600

■ 243.6000, 32.1000,
-31.1000

■ 18.7840, -8.8000,
-16.7360

■ 246.7920, 23.1120,
-22.3920

■ 0.0000, 0.0000,
0.0000

■ 250.0980, 13.8030,

-13.3730

■ 253.4040, 4.4940,
-4.3540

■ 128.3980, 37.8800,
-47.7520

■ 128.3980, 37.8800,
-47.7520

■ 127.5290, 38.8890,
-49.5190

■ 130.4070, 33.6610,
-42.8750

■ 132.7150, 30.0380,
-37.7860

■ 134.7240, 25.8190,
-32.9090

■ 137.0320, 22.1960,
-27.8200

■ 139.0410, 17.9770,
-22.9430

■ 141.2350, 14.6750,
-18.1650

■ 143.2440, 10.4560,
-13.2880

■ 145.5520, 6.8330,
-8.1990

■ 147.5610, 2.6140,
-3.3220

Harmonies

Analogous

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



133.1950, 72.9050, -27.2150



128.3980, 37.8800, -47.7520



119.7110, -26.0330, -51.3530

Triad

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



128.3980, 37.8800, -47.7520



121.9180, -117.3250, -15.7970



139.2470, 61.3820, 54.9980

Complementary

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



128.3980, 37.8800, -47.7520



25.6020, -37.8800, 47.7520

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.



145.2210, 11.5450, 49.6010



128.3980, 37.8800, -47.7520



119.1260, -123.2420, -2.1700

Square

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



128.3980, 37.8800, -47.7520



118.0930, -102.4210, -32.6050



136.0360, -60.4340, 26.9740



135.1520, 85.9140, 39.9140

Rectangle

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



128.3980, 37.8800, -47.7520



108.0270, -76.8330, -55.8170



136.0360, -60.4340, 26.9740



141.6460, 47.0770, 55.4370

Sweetspot

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



128.3980, 37.8800, -47.7520



185.8220, 14.4000, -18.6880



55.1000, 82.5240, 24.2520



92.2270, 9.1260, -11.2100



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



128.3980, 37.8800, -47.7520



166.2030, 50.9500, -64.3620



107.4680, -3.8400, -62.5920



72.9030, 1.6510, -2.3890



118.0820, 35.9540, -45.8860



8.5610, 2.6140, -3.3220

Inverse Universe

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



25.6020, -37.8800, 47.7520



27.7970, -50.9500, 64.3620



46.5320, 3.8400, 62.5920



67.7980, -2.2470, 2.1770



19.6190, -36.5500, 45.6740



1.4390, -2.6140, 3.3220

Previews

White Background



This preview shows how the YIQ color 128.3980, 37.8800, -47.7520 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 128.3980, 37.8800, -47.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

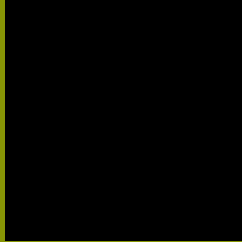
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.3980, 37.8800, -47.7520

Background



This preview shows how black text looks on a background with the YIQ color 128.3980, 37.8800, -47.7520.



This preview shows how white text looks on a background with the YIQ color 128.3980, 37.8800, -47.7520.

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

128.3980, 37.8800, -47.7520

Protanopia

130.3080, 55.9890, -40.0350

Deuteranopia

134.7300, 61.2130, -24.5710



Tritanopia

141.6460, 1.2370, 5.1170

Trichromacy



Original Color

128.3980, 37.8800, -47.7520

Protanomaly

129.6060, 49.1580, -42.8900

Deuteranomaly

132.0830, 52.5490, -32.7550

Tritanomaly

136.8700, 14.4450, -13.9950

Monochromacy



Original Color

128.3980, 37.8800, -47.7520

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.4630, 14.0330, -17.5430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3980, 37.8800, -47.7520 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(135, 149, 5)` looks like.

```
.text, #text, p{  
    color:rgb(135, 149, 5)  
}
```

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(135, 149, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 149, 5) }
```

Border

The CSS property to change the border of an element to YIQ 128.3980, 37.8800, -47.7520 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(135, 149, 5) }
```


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

```
.border{ border-color:rgb(135, 149, 5) }
```

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

Here you see how a box with a 4 pixel rgb(135, 149, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 149, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 149, 5);  
box-shadow:4px 4px 4px 4px rgb(135, 149,  
5) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3980, 37.8800, -47.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 149, 5) }
```

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

```
.background{ background-color: rgb(135,  
149, 5) }
```

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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