

Converting Colors

YIQ(172.9520, -10.3540,
-43.6500)

Have a look what the booklet for
YIQ(172.9520, -10.3540, -43.6500)
contains.

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Color

**YIQ(172.9520, -10.3540,
-43.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	88CC6E
RGB	136, 204, 110
RGB Percent	53%, 80%, 43%
CMY	0.4669, 0.1999, 0.5686
CMYK	0.33, 0.00, 0.46, 0.20
HSL	103°, 48%, 62%
HSV	103°, 46%, 80%
XYZ	34.5587, 49.5547, 22.4977
YIQ	172.9520, -10.3540, -43.6500

Conversions

Conversions Part 2

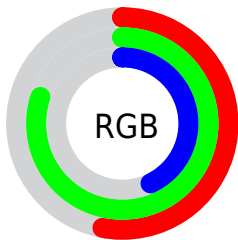
Format	Color
RYB	110, 204, 178
Decimal	8965230
CIELab	75.80, -38.80, 40.03
CIELCh	76, 55.747, 134.105
Yxy	49.5547, 0.3242, 0.4648
Android (android.graphics.Color)	4287155310 (0xFF88CC6E)
YUV	172.9520, -31.0353, -32.4069
Hunter-Lab	70.3951, -35.5613, 30.3279

Details

The YIQ color **172.9520, -10.3540, -43.6500** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **141.0480, 10.3540, 43.6500**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6750, -8.0160, -41.9680**, and **118.8210, -11.3630, -41.8830** is the 20% darker color. If you saturate the color by 10%, you get **166.1870, -12.8740, -53.0500**, and if you desaturate by 10%, it is **179.7170, -7.8340, -34.2500**.

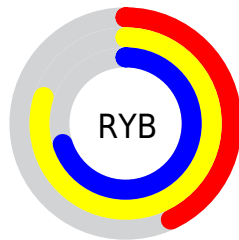
Distribution



Red (53%)

Green (80%)

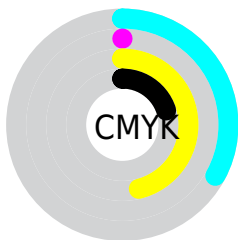
Blue (43%)



Red (43%)

Yellow (80%)

Blue (70%)

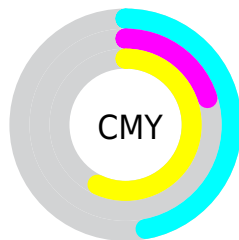


Cyan (33%)

Magenta (0%)

Yellow (46%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9520, -10.3540, -43.6500 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 172.9520, -10.3540, -43.6500 by changing the saturation by 10% instead.

■ 172.9520,
-10.3540, -43.6500

■ 172.9520,
-10.3540, -43.6500

■ 255.0000, -0.0000,
-0.0000

■ 145.5930,
-10.7210, -42.5050

■ 225.6750, -8.0160,
-41.9680

■ 118.8210,
-11.3630, -41.8830

■ 237.2390, -0.3160,
-27.3240

■ 92.6360, -12.2800,
-41.7840

■ 249.4010, 8.5760,
-12.2560

■ 65.6850, -13.9760,
-44.0880

■ 254.2020, 2.2470,
-2.1770

■ 42.8510, -20.0750,
-38.1790

■ 29.3500, -13.7500,
-26.1500

■ 17.0230, -7.9750,

-15.1670

■ 0.0000, 0.0000,
0.0000

■ 172.9520,
-10.3540, -43.6500

■ 172.9520,
-10.3540, -43.6500

■ 166.1870,
-12.8740, -53.0500

■ 179.7170, -7.8340,
-34.2500

■ 159.3080,
-15.0730, -62.7610

■ 186.2970, -6.2310,
-24.7510

■ 152.8420,
-16.9970, -71.9490

■ 193.0620, -3.7110,
-15.3510

■ 145.9630,
-19.1960, -81.6600

■ 199.9410, -1.5120,
-5.6400

■ 139.1980,
-21.7160, -91.0600

■ 206.7060, 1.0080,
3.7600

■ 136.4920,
-22.7240, -94.8200

■ 213.4710, 3.5280,
13.1600

■ 220.0510, 5.1310,
22.6590

■ 224.7640, 13.4290,
26.4610

■ 225.0630, 14.0250,
26.6730

Harmonies

Analogous

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



179.7590, 35.9060, -33.9980



172.9520, -10.3540, -43.6500



155.2100, -81.6020, -51.9860

Triad

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



172.9520, -10.3540, -43.6500



146.4700, -136.8550, -25.2950



178.8820, 60.0110, 30.2750

Complementary

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



172.9520, -10.3540, -43.6500



141.0480, 10.3540, 43.6500

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.



187.1580, 42.2190, 44.3550



172.9520, -10.3540, -43.6500



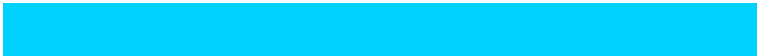
180.1340, -46.6310, 13.6010

Square

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



172.9520, -10.3540, -43.6500



152.3400, -139.6050, -30.5250



191.7160, 5.3570, 40.5970



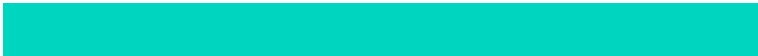
180.5680, 71.7980, 9.3820

Rectangle

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



172.9520, -10.3540, -43.6500



146.9190, -120.2070, -51.6870



191.7160, 5.3570, 40.5970



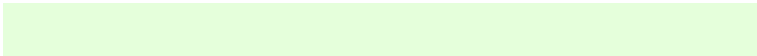
180.9340, 54.2330, 35.8730

Sweetspot

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



172.9520, -10.3540, -43.6500



243.1220, -3.9400, -16.7080



177.4350, 37.5990, -15.1130



120.7080, -2.4740, -10.2340



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.



172.9520, -10.3540, -43.6500



208.5420, -15.8520, -65.1640



167.4580, -32.2700, -42.9420



98.7670, -0.9620, -4.5940



111.1960, -18.2340, -77.0660



25.5950, -3.8940, -17.5420

Inverse Universe

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



141.0480, 10.3540, 43.6500



161.1590, 15.2560, 64.9520



146.5420, 32.2700, 42.9420



95.2330, 0.9620, 4.5940



54.8040, 18.2340, 77.0660



12.7040, 4.4900, 17.7540

Previews

White Background



This preview shows how the YIQ color 172.9520, -10.3540, -43.6500 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 172.9520, -10.3540, -43.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

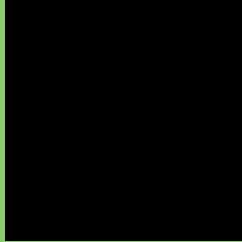
Any Text WCAG AA ✓ Pass

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 172.9520, -10.3540, -43.6500 Background



This preview shows how black text looks on a background with the YIQ color 172.9520, -10.3540, -43.6500.



This preview shows how white text looks on a background with the YIQ color 172.9520, -10.3540, -43.6500.

-43.6500.

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

172.9520, -10.3540, -43.6500

Protanopia

182.0340, 37.0500, -21.6860

Deuteranopia

184.9850, 47.9140, -9.3180



Tritanopia

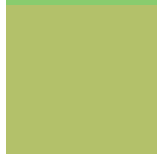
182.4510, -29.2510, -4.0270

Trichromacy



Original Color

172.9520, -10.3540, -43.6500



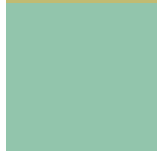
Protanomaly

178.8960, 19.5830, -30.0250



Deuteranomaly

180.4720, 27.0090, -21.4310



Tritanomaly

178.9010, -22.3710, -18.5870

Monochromacy



Original Color

172.9520, -10.3540, -43.6500



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.9480, -3.3900, -15.6620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9520, -10.3540, -43.6500 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(136, 204, 110)` looks like.

```
.text, #text, p{  
    color:rgb(136, 204, 110)  
}
```

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(136, 204, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 204, 110) }
```

Border

The CSS property to change the border of an element to YIQ 172.9520, -10.3540, -43.6500 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(136, 204, 110) }
```


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

```
.border{ border-color:rgb(136, 204, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 204, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 204, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 204, 110);  
box-shadow:4px 4px 4px 4px rgb(136, 204,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9520, -10.3540, -43.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 204, 110) }
```

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

```
.background{ background-color: rgb(136,  
204, 110) }
```

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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