

Converting Colors

YIQ(178.1750, 21.7900,
-64.5300)

Have a look what the booklet for
YIQ(178.1750, 21.7900, -64.5300)
contains.

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Color

**YIQ(178.1750, 21.7900,
-64.5300)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD62C
RGB	159, 214, 44
RGB Percent	62%, 84%, 17%
CMY	0.3767, 0.1607, 0.8272
CMYK	0.26, 0.00, 0.79, 0.16
HSL	79°, 67%, 51%
HSV	79°, 79%, 84%
XYZ	38.7941, 55.6516, 11.0855
YIQ	178.1750, 21.7900, -64.5300

Conversions

Conversions Part 2

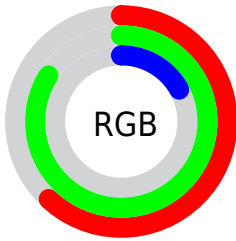
Format	Color
RYB	44, 214, 99
Decimal	10475052
CIELab	79.42, -40.38, 71.12
CIELCh	79, 81.785, 119.588
Yxy	55.6516, 0.3676, 0.5273
Android (android.graphics.Color)	4288665132 (0xFF9FD62C)
YUV	178.1750, -66.1483, -16.8165
Hunter-Lab	74.6000, -37.7251, 43.4095

Details

The YIQ color **178.1750, 21.7900, -64.5300** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **79.8250, -21.7900, 64.5300**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8370, 26.0980, -54.4940**, and **123.8310, 17.0670, -61.5330** is the 20% darker color. If you saturate the color by 10%, you get **173.6880, 24.3590, -72.5450**, and if you desaturate by 10%, it is **182.6620, 19.2210, -56.5150**.

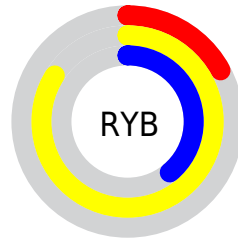
Distribution



Red (62%)

Green (84%)

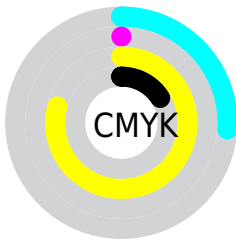
Blue (17%)



Red (17%)

Yellow (84%)

Blue (39%)

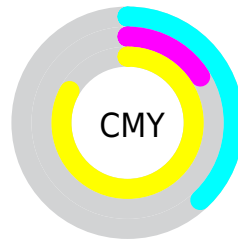


Cyan (26%)

Magenta (0%)

Yellow (79%)

Black (16%)



Cyan (38%)

Magenta (16%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.1750, 21.7900, -64.5300 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 178.1750, 21.7900, -64.5300 by changing the saturation by 10% instead.

■ 178.1750, 21.7900,
-64.5300

■ 178.1750, 21.7900,
-64.5300

■ 255.0000, -0.0000,
-0.0000

■ 148.0520, 26.3300,
-69.7180

■ 226.5380, 25.5020,
-54.7060

■ 123.8310, 17.0670,
-61.5330

■ 238.7000, 34.3940,
-39.6380

■ 99.8980, 6.9330,
-54.0830

■ 244.3980, 29.8530,
-28.9230

■ 75.9650, -3.2010,
-46.6330

■ 247.5900, 20.8650,
-20.2150

■ 48.4330, -21.9540,
-42.6740

■ 251.0100, 11.2350,
-10.8850

■ 34.0460, -15.9500,
-30.3340

■ 254.3160, 1.9260,

■ 22.3060, -10.4500,

-1.8660

-19.8740

■ 0.0000, 0.0000,
0.0000

■ 178.1750, 21.7900,
-64.5300

■ 178.1750, 21.7900,
-64.5300

■ 173.6880, 24.3590,
-72.5450

■ 182.6620, 19.2210,
-56.5150

■ 169.0870, 27.2490,
-80.8710

■ 187.2630, 16.3310,
-48.1890

■ 168.9730, 27.5700,
-81.1820

■ 191.7500, 13.7620,
-40.1740

■ 196.3510, 10.8720,
-31.8480

■ 200.8380, 8.3030,
-23.8330

■ 205.3250, 5.7340,
-15.8180

■ 209.6270, 2.2480,
-7.7040

■ 214.1140, -0.3210,
0.3110

■ 218.7150, -3.2110,
8.6370

Harmonies

Analogous

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



183.5560, 86.9850, -51.1190



178.1750, 21.7900, -64.5300



145.7720, -99.0650, -82.4330

Triad

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



178.1750, 21.7900, -64.5300



160.5580, -143.4550, -37.8470



169.5990, 54.4590, 53.8110

Complementary

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



178.1750, 21.7900, -64.5300



79.8250, -21.7900, 64.5300

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.



188.6690, 31.0750, 59.0990



178.1750, 21.7900, -64.5300



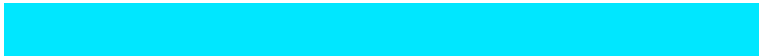
149.9920, -138.5050, -28.4330

Square

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



178.1750, 21.7900, -64.5300



164.6670, -145.3800, -41.5080



190.3770, -16.0980, 27.4380



167.5060, 75.5090, 24.7330

Rectangle

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



178.1750, 21.7900, -64.5300



154.6350, -117.1320, -68.8760



190.3770, -16.0980, 27.4380



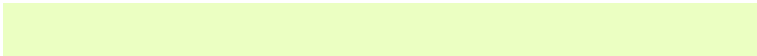
174.9110, 45.0130, 59.8050

Sweetspot

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



178.1750, 21.7900, -64.5300



242.0660, 7.6610, -23.2110



126.5280, 86.4700, 7.7980



120.1940, 4.7250, -14.0510



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.



178.1750, 21.7900, -64.5300



203.7910, 30.5980, -92.0100



153.0590, -28.2740, -82.3380



104.8490, 1.7430, -4.0570



134.7620, 21.5150, -65.0530



33.9120, 5.4590, -16.3410

Inverse Universe

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



79.8250, -21.7900, 64.5300



63.9100, -31.1940, 91.7980



104.9410, 28.2740, 82.3380



98.4500, -1.1470, 4.2690



35.9390, -22.1110, 64.8410



9.0880, -5.4590, 16.3410

Previews

White Background



This preview shows how the YIQ color 178.1750, 21.7900, -64.5300 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 178.1750, 21.7900, -64.5300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

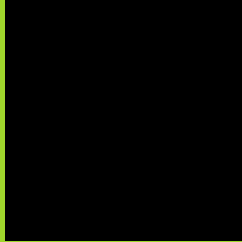
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.1750, 21.7900, -64.5300

Background



This preview shows how black text looks on a background with the YIQ color 178.1750, 21.7900, -64.5300.



This preview shows how white text looks on a background with the YIQ color 178.1750, 21.7900, -64.5300.

-64.5300.

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

178.1750, 21.7900, -64.5300

Protanopia

185.5770, 65.2970, -43.5270

Deuteranopia

189.3480, 76.8480, -27.0880



Tritanopia

194.5450, -17.6520, 0.5240

Trichromacy



Original Color

178.1750, 21.7900, -64.5300

Protanomaly

183.0370, 49.0220, -51.4420

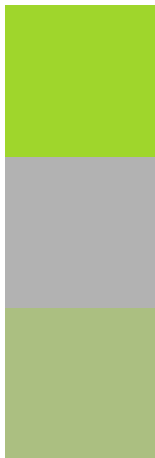
Deuteranomaly

185.0800, 56.6310, -40.6570

Tritanomaly

188.3190, -3.2970, -22.8570

Monochromacy



Original Color

178.1750, 21.7900, -64.5300

Achromatopsia

178.0000, -0.0000, -0.0000

Achromatomaly

177.9520, 7.9820, -23.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.1750, 21.7900, -64.5300 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, 214, 44)` looks like.

```
.text, #text, p{  
    color:rgb(159, 214, 44)  
}
```

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, 214, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 214, 44) }
```

Border

The CSS property to change the border of an element to YIQ 178.1750, 21.7900, -64.5300 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, 214, 44) }
```


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

```
.border{ border-color:rgb(159, 214, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 214, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 214, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 214, 44);  
box-shadow:4px 4px 4px 4px rgb(159, 214,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 178.1750, 21.7900, -64.5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 214, 44) }
```

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

```
.background{ background-color: rgb(159,  
214, 44) }
```

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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