

Converting Colors

YIQ(178.6210, 18.4390,
-42.3370)

Have a look what the booklet for
YIQ(178.6210, 18.4390, -42.3370)
contains.

YIQ(178.6210, 18.4390, -42.3370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(178.6210, 18.4390,
-42.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC956
RGB	170, 201, 86
RGB Percent	67%, 79%, 34%
CMY	0.3335, 0.2117, 0.6626
CMYK	0.15, 0.00, 0.57, 0.21
HSL	76°, 52%, 56%
HSV	76°, 57%, 79%
XYZ	39.1405, 50.9937, 16.5927
YIQ	178.6210, 18.4390, -42.3370

Conversions

Conversions Part 2

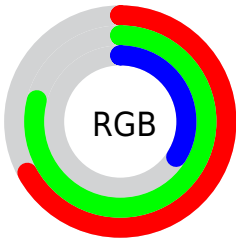
Format	Color
RYB	86, 201, 117
Decimal	11192662
CIELab	76.68, -27.47, 52.96
CIELCh	77, 59.659, 117.417
Yxy	50.9937, 0.3667, 0.4778
Android (android.graphics.Color)	4289382742 (0xFFAAC956)
YUV	178.6210, -45.6622, -7.5606
Hunter-Lab	71.4099, -27.1294, 36.2104

Details

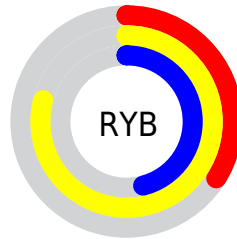
The YIQ color $178.6210, 18.4390, -42.3370$ is a light color, and the websafe version is hex $99CC66$. The color can be described as light muted chartreuse. A complement of this color would be $108.3790, -18.4390, 42.3370$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $233.4040, 20.5480, -42.0120$, and $124.3220, 17.8430, -42.5490$ is the 20% darker color. If you saturate the color by 10%, you get $174.8460, 21.8790, -49.6170$, and if you desaturate by 10%, it is $182.3960, 14.9990, -35.0570$.

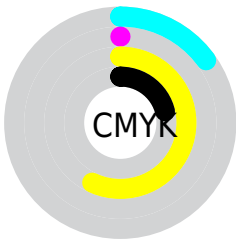
Distribution



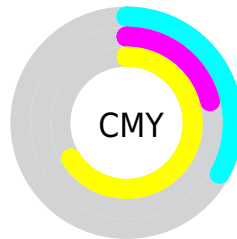
- Red (67%)
- Green (79%)
- Blue (34%)



- Red (34%)
- Yellow (79%)
- Blue (46%)



- Cyan (15%)
- Magenta (0%)
- Yellow (57%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.6210, 18.4390, -42.3370 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 178.6210, 18.4390, -42.3370 by changing the saturation by 10% instead.

■ 178.6210, 18.4390,
-42.3370

■ 178.6210, 18.4390,
-42.3370

255.0000, -0.0000,
-0.0000

■ 151.4360, 17.5220,
-42.2380

■ 233.4040, 20.5480,
-42.0120

■ 124.3220, 17.8430,
-42.5490

■ 244.9680, 28.2480,
-27.3680

■ 97.3390, 19.1730,
-44.6270

■ 248.1600, 19.2600,
-18.6600

■ 74.8900, 10.5520,
-37.0640

■ 251.3520, 10.2720,
-9.9520

■ 53.0280, 1.6560,
-30.0240

254.7720, 0.6420,
-0.6220

■ 30.2580, -10.4950,
-24.5670

■ 18.1970, -8.5250,

-16.2130

■ 0.0000, 0.0000,
0.0000

■ 178.6210, 18.4390,
-42.3370

■ 178.6210, 18.4390,
-42.3370

■ 174.8460, 21.8790,
-49.6170

■ 182.3960, 14.9990,
-35.0570

■ 170.7720, 24.7230,
-57.1090

■ 186.4700, 12.1550,
-27.5650

■ 166.9970, 28.1630,
-64.3890

■ 190.2450, 8.7150,
-20.2850

■ 162.9230, 31.0070,
-71.8810

■ 194.3190, 5.8710,
-12.7930

■ 161.9400, 32.3370,
-73.9590

■ 198.2080, 2.1100,
-5.2020

■ 202.2820, -0.7340,
2.2900

■ 206.0570, -4.1740,
9.5700

■ 209.8320, -7.6140,
16.8500

■ 212.5380, -6.6060,
20.6100

Harmonies

Analogous

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



184.3060, 59.4710, -26.0410



178.6210, 18.4390, -42.3370



167.9360, -39.7880, -49.8680

Triad

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



178.6210, 18.4390, -42.3370



152.3400, -139.6050, -30.5250



181.3560, 50.2890, 41.2730

Complementary

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



178.6210, 18.4390, -42.3370



108.3790, -18.4390, 42.3370

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.



194.7190, 27.6380, 49.7980



178.6210, 18.4390, -42.3370



161.1540, -103.2500, -12.0660

Square

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



178.6210, 18.4390, -42.3370



153.9240, -135.7980, -38.9500



187.9850, -20.8660, 25.7420



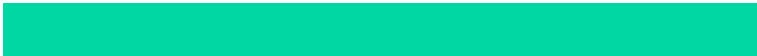
178.1350, 66.2480, 21.8640

Rectangle

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



178.6210, 18.4390, -42.3370



144.7870, -111.4480, -61.7520



187.9850, -20.8660, 25.7420



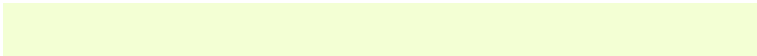
185.2830, 43.3650, 45.6130

Sweetspot

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



178.6210, 18.4390, -42.3370



246.5100, 6.6510, -15.9170



138.5820, 60.0150, 8.1670



122.9430, 4.1740, -9.5700



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.



178.6210, 18.4390, -42.3370



220.5840, 27.8880, -64.9120



161.5780, -15.5330, -54.4210



97.3760, 1.6970, -3.2230



131.2620, 26.0990, -60.0210



28.9060, 5.5960, -13.3160

Inverse Universe

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



108.3790, -18.4390, 42.3370



113.4160, -27.8880, 64.9120



125.4220, 15.5330, 54.4210



91.6240, -1.6970, 3.2230



31.7380, -26.0990, 60.0210



7.0940, -5.5960, 13.3160

Previews

White Background



This preview shows how the YIQ color 178.6210, 18.4390, -42.3370 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 178.6210, 18.4390, -42.3370 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 178.6210, 18.4390, -42.3370

Background



This preview shows how black text looks on a background with the YIQ color 178.6210, 18.4390, -42.3370.



This preview shows how white text looks on a background with the YIQ color 178.6210, 18.4390,

-42.3370.

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

178.6210, 18.4390, -42.3370

Protanopia

183.0810, 46.8630, -28.8250

Deuteranopia

185.8150, 59.8360, -16.1320



Tritanopia

189.2150, -7.7950, 3.6050

Trichromacy



Original Color

178.6210, 18.4390, -42.3370

Protanomaly

181.0580, 36.5020, -33.7860

Deuteranomaly

183.4060, 44.5700, -25.8140

Tritanomaly

185.1660, 1.9280, -12.9200

Monochromacy



Original Color

178.6210, 18.4390, -42.3370

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.9230, 6.9260, -15.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.6210, 18.4390, -42.3370 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(170, 201, 86)` looks like.

```
.text, #text, p{  
    color:rgb(170, 201, 86)  
}
```

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(170, 201, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 201, 86) }
```

Border

The CSS property to change the border of an element to YIQ 178.6210, 18.4390, -42.3370 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(170, 201, 86) }
```


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

```
.border{ border-color:rgb(170, 201, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 201, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 201, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 201, 86);  
box-shadow:4px 4px 4px 4px rgb(170, 201,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 178.6210, 18.4390, -42.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 201, 86) }
```

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

```
.background{ background-color: rgb(170,  
201, 86) }
```

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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