

Converting Colors

YIQ(186.3710, -1.0480,
-36.0880)

Have a look what the booklet for
YIQ(186.3710, -1.0480, -36.0880)
contains.

YIQ(186.3710, -1.0480, -36.0880)	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(186.3710, -1.0480,
-36.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D27E
RGB	163, 210, 126
RGB Percent	64%, 82%, 49%
CMY	0.3609, 0.1764, 0.5058
CMYK	0.22, 0.00, 0.40, 0.18
HSL	94°, 48%, 66%
HSV	94°, 40%, 82%
XYZ	41.9140, 55.3917, 28.2265
YIQ	186.3710, -1.0480, -36.0880

Conversions

Conversions Part 2

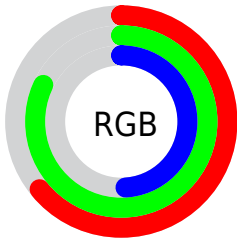
Format	Color
RYB	126, 210, 173
Decimal	10736254
CIELab	79.27, -30.05, 36.73
CIELCh	79, 47.456, 129.293
Yxy	55.3917, 0.3339, 0.4413
Android (android.graphics.Color)	4288926334 (0xFFA3D27E)
YUV	186.3710, -29.7629, -20.4964
Hunter-Lab	74.4256, -29.7196, 29.6117

Details

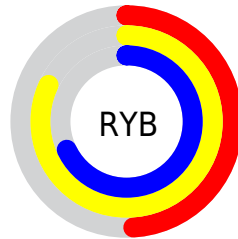
The YIQ color **186.3710, -1.0480, -36.0880** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **149.6290, 1.0480, 36.0880**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.6860, 2.6190, -30.9570**, and **132.1260, -1.7360, -34.6320** is the 20% darker color. If you saturate the color by 10%, you get **180.3890, -1.4590, -45.1630**, and if you desaturate by 10%, it is **192.3530, -0.6370, -27.0130**.

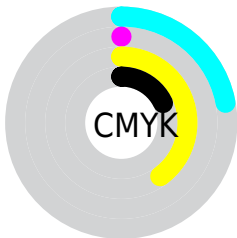
Distribution



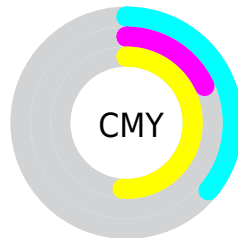
- Red (64%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (18%)



- Cyan (36%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.3710, -1.0480, -36.0880 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 186.3710, -1.0480, -36.0880 by changing the saturation by 10% instead.

■ 186.3710, -1.0480,
-36.0880

■ 186.3710, -1.0480,
-36.0880

255.0000, -0.0000,
-0.0000

■ 158.8980, -1.0940,
-35.2540

■ 235.6860, 2.6190,
-30.9570

■ 132.1260, -1.7360,
-34.6320

■ 247.5490, 10.9150,
-16.1010

■ 106.3540, -2.3780,
-34.0100

■ 252.8340, 6.0990,
-5.9090

■ 81.4680, -2.6990,
-33.6990

■ 55.9410, -2.6530,
-34.5330

■ 34.3670, -12.4200,
-28.2280

■ 20.5450, -9.6250,

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 186.3710, -1.0480,
-36.0880

■ 186.3710, -1.0480,
-36.0880

■ 180.3890, -1.4590,
-45.1630

■ 192.3530, -0.6370,
-27.0130

■ 174.4070, -1.8700,
-54.2380

■ 198.0360, -0.8220,
-18.1500

■ 168.7240, -1.6850,
-63.1010

■ 204.0180, -0.4110,
-9.0750

■ 162.7420, -2.0960,
-72.1760

■ 210.0000, 0.0000,
0.0000

■ 156.7600, -2.5070,
-81.2510

■ 215.9820, 0.4110,
9.0750

■ 150.7780, -2.9180,
-90.3260

■ 221.9640, 0.8220,
18.1500

■ 225.5950, 6.4150,
21.4150

■ 228.5850, 12.3750,
23.5350

Harmonies

Analogous

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



191.5130, 36.9590, -25.5450



186.3710, -1.0480, -36.0880



177.4700, -49.7390, -40.2270

Triad

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



186.3710, -1.0480, -36.0880



168.1980, -106.5500, -18.3420



191.7280, 48.6410, 27.0810

Complementary

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



186.3710, -1.0480, -36.0880



149.6290, 1.0480, 36.0880

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.



199.2060, 33.0960, 38.9840



186.3710, -1.0480, -36.0880



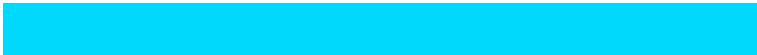
189.5700, -45.1630, 9.0210

Square

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



186.3710, -1.0480, -36.0880



155.9930, -140.2460, -35.4300



200.2110, -0.8310, 31.5930



191.1630, 59.8770, 10.6690

Rectangle

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



186.3710, -1.0480, -36.0880



165.6190, -92.6990, -43.6030



200.2110, -0.8310, 31.5930



193.4380, 43.8260, 31.7460

Sweetspot

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



186.3710, -1.0480, -36.0880



246.3830, -0.1810, -13.2450



178.1180, 37.4140, -6.2500



122.6590, -0.7780, -7.9300



0.0000, 0.0000, 0.0000



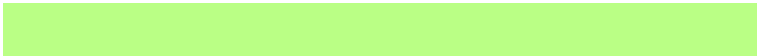
128.0000, -0.0000, -0.0000

Same Dimension

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



186.3710, -1.0480, -36.0880



220.4610, -1.9620, -52.5700



175.7640, -24.3840, -42.6880



101.9520, -0.0450, -4.6930



120.7420, -2.0960, -72.1760



29.4490, -0.5470, -17.6270

Inverse Universe

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



149.6290, 1.0480, 36.0880



167.2400, 1.3660, 52.3580



160.2360, 24.3840, 42.6880



97.0480, 0.0450, 4.6930



47.2580, 2.0960, 72.1760



11.5510, 0.5470, 17.6270

Previews

White Background



This preview shows how the YIQ color 186.3710, -1.0480, -36.0880 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 186.3710, -1.0480, -36.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

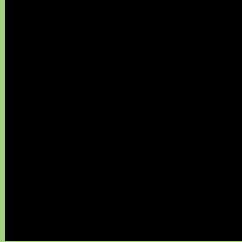
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.3710, -1.0480, -36.0880

Background



This preview shows how black text looks on a background with the YIQ color 186.3710, -1.0480, -36.0880.



This preview shows how white text looks on a background with the YIQ color 186.3710, -1.0480,

-36.0880.

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

186.3710, -1.0480, -36.0880

Protanopia

192.8320, 34.8030, -19.5090

Deuteranopia

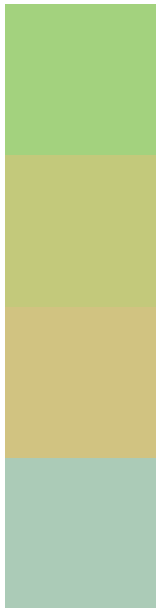
194.9680, 46.5840, -7.2400



Tritanopia

193.9470, -18.8440, 0.1000

Trichromacy



Original Color

186.3710, -1.0480, -36.0880

Protanomaly

190.3140, 21.4620, -25.5300

Deuteranomaly

191.6620, 29.5300, -17.5580

Tritanomaly

191.1520, -12.6520, -13.0040

Monochromacy



Original Color

186.3710, -1.0480, -36.0880

Achromatopsia

186.0000, -0.0000, -0.0000

Achromatomaly

186.3830, -0.1810, -13.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.3710, -1.0480, -36.0880 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(163, 210, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 210, 126)  
}
```

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(163, 210, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 210, 126) }
```

Border

The CSS property to change the border of an element to YIQ 186.3710, -1.0480, -36.0880 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(163, 210, 126) }
```


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

```
.border{ border-color:rgb(163, 210, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 210, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 210, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 210, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 210,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 186.3710, -1.0480, -36.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 210, 126) }
```

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

```
.background{ background-color: rgb(163,  
210, 126) }
```

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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