

Converting Colors

YIQ(176.3930, 11.0540,
-24.1300)

Have a look what the booklet for
YIQ(176.3930, 11.0540, -24.1300)
contains.

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Color

**YIQ(176.3930, 11.0540,
-24.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	ACBD7B
RGB	172, 189, 123
RGB Percent	67%, 74%, 48%
CMY	0.3256, 0.2588, 0.5175
CMYK	0.09, 0.00, 0.35, 0.26
HSL	75°, 33%, 61%
HSV	75°, 35%, 74%
XYZ	38.7845, 46.5972, 25.6968
YIQ	176.3930, 11.0540, -24.1300

Conversions

Conversions Part 2

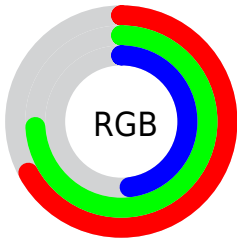
Format	Color
RYB	123, 189, 140
Decimal	11320699
CIELab	73.93, -16.78, 31.46
CIELCh	74, 35.652, 118.069
Yxy	46.5972, 0.3492, 0.4195
Android (android.graphics.Color)	4289510779 (0xFFACBD7B)
YUV	176.3930, -26.3227, -3.8527
Hunter-Lab	68.2621, -18.0404, 25.4641

Details

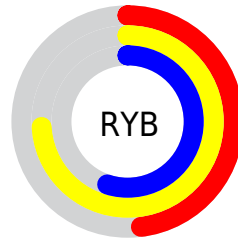
The YIQ color $176.3930, 11.0540, -24.1300$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $135.6070, -11.0540, 24.1300$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $232.0510, 12.0170, -25.0630$, and $123.7350, 10.0910, -23.1970$ is the 20% darker color. If you saturate the color by 10%, you get $172.7320, 14.1730, -31.0990$, and if you desaturate by 10%, it is $180.0540, 7.9350, -17.1610$.

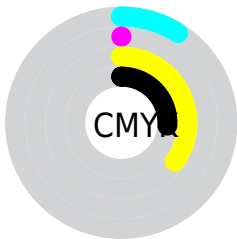
Distribution



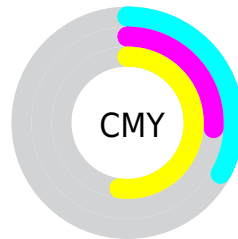
- Red (67%)
- Green (74%)
- Blue (48%)



- Red (48%)
- Yellow (74%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.3930, 11.0540, -24.1300 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 176.3930, 11.0540, -24.1300 by changing the saturation by 10% instead.

■ 176.3930, 11.0540,
-24.1300

■ 176.3930, 11.0540,
-24.1300

255.0000, -0.0000,
-0.0000

■ 149.6210, 10.4120,
-23.5080

■ 232.0510, 12.0170,
-25.0630

■ 123.7350, 10.0910,
-23.1970

■ 249.1860, 16.3710,
-15.8610

■ 97.9630, 9.4490,
-22.5750

■ 252.3780, 7.3830,
-7.1530

■ 74.0770, 9.1280,
-22.2640

■ 50.6640, 8.8530,
-22.7870

■ 30.9440, 2.4330,
-16.5670

■ 12.9140, -6.0500,

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 176.3930, 11.0540,
-24.1300

■ 176.3930, 11.0540,
-24.1300

■ 172.7320, 14.1730,
-31.0990

■ 180.0540, 7.9350,
-17.1610

■ 169.0710, 17.2920,
-38.0680

■ 183.7150, 4.8160,
-10.1920

■ 165.4100, 20.4110,
-45.0370

■ 187.3760, 1.6970,
-3.2230

■ 161.7490, 23.5300,
-52.0060

■ 190.7380, -2.0180,
3.5340

■ 158.5010, 26.9240,
-58.4520

■ 194.3990, -5.1370,
10.5030

■ 154.8400, 30.0430,
-65.4210

■ 197.9460, -7.9350,
17.1610

■ 152.8030, 31.4650,
-69.1670

■ 201.6070,
-11.0540, 24.1300

■ 203.1020, -8.0740,
25.1900

■ 204.5970, -5.0940,
26.2500

Harmonies

Analogous

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



179.8910, 36.3150, -13.8690



176.3930, 11.0540, -24.1300



171.7620, -20.9020, -28.6940

Triad

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



176.3930, 11.0540, -24.1300



165.8980, -79.0420, -10.2580



185.9060, 42.2680, 26.9400

Complementary

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



176.3930, 11.0540, -24.1300



135.6070, -11.0540, 24.1300

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.



186.4980, 17.2340, 29.0900



176.3930, 11.0540, -24.1300



177.1070, -51.1690, 7.7350

Square

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



176.3930, 11.0540, -24.1300



160.3020, -83.7160, -24.6760



184.1010, -15.5010, 22.1230



184.3290, 53.7780, 16.5780

Rectangle

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



176.3930, 11.0540, -24.1300



167.8440, -44.5600, -29.4560



184.1010, -15.5010, 22.1230



186.2520, 35.4820, 28.7780

Sweetspot

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



176.3930, 11.0540, -24.1300



240.0570, 3.8530, -9.2590



152.7130, 34.6610, 5.1010



119.5070, 2.7060, -4.9900



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



176.3930, 11.0540, -24.1300



225.1850, 16.9710, -37.7570



166.8250, -8.0180, -30.9140



92.3760, 1.6970, -3.2230



127.7290, 26.2820, -57.8300



25.0740, 5.1830, -11.3370

Inverse Universe

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



135.6070, -11.0540, 24.1300



161.8150, -16.9710, 37.7570



145.4740, 8.6140, 31.1260



86.6240, -1.6970, 3.2230



30.2710, -26.2820, 57.8300



5.9260, -5.1830, 11.3370

Previews

White Background



This preview shows how the YIQ color 176.3930, 11.0540, -24.1300 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 176.3930, 11.0540, -24.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

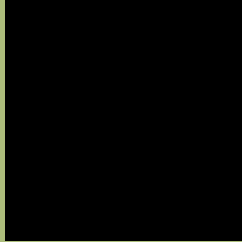
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.3930, 11.0540, -24.1300

Background



This preview shows how black text looks on a background with the YIQ color 176.3930, 11.0540, -24.1300.



This preview shows how white text looks on a background with the YIQ color 176.3930, 11.0540,

-24.1300.

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

176.3930, 11.0540, -24.1300

Protanopia

178.8300, 29.1170, -15.5790

Deuteranopia

181.0860, 40.4400, -6.0240



Tritanopia

181.8950, -3.8980, 4.5660

Trichromacy



Original Color

176.3930, 11.0540, -24.1300

Protanomaly

178.0140, 22.6070, -18.7450

Deuteranomaly

179.1230, 29.8500, -12.3420

Tritanomaly

179.7950, 1.8350, -5.7250

Monochromacy



Original Color

176.3930, 11.0540, -24.1300

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.4700, 4.1280, -8.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.3930, 11.0540, -24.1300 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(172, 189, 123)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 123)  
}
```

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(172, 189, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 123) }
```

Border

The CSS property to change the border of an element to YIQ 176.3930, 11.0540, -24.1300 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(172, 189, 123) }
```


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

```
.border{ border-color:rgb(172, 189, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 123);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 176.3930, 11.0540, -24.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 123) }
```

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

```
.background{ background-color: rgb(172,  
189, 123) }
```

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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