

Converting Colors

YIQ(184.5900, -23.8340,
-41.6420)

Have a look what the booklet for
YIQ(184.5900, -23.8340, -41.6420)
contains.

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Color

**YIQ(184.5900, -23.8340,
-41.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	88DA8C
RGB	136, 218, 140
RGB Percent	53%, 85%, 55%
CMY	0.4669, 0.1449, 0.4510
CMYK	0.38, 0.00, 0.36, 0.14
HSL	123°, 53%, 69%
HSV	123°, 38%, 86%
XYZ	39.9565, 57.2828, 33.7583
YIQ	184.5900, -23.8340, -41.6420

Conversions

Conversions Part 2

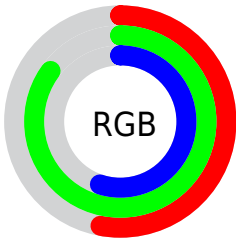
Format	Color
RYB	136, 214, 218
Decimal	8968844
CIELab	80.34, -40.69, 30.74
CIELCh	80, 50.997, 142.935
Yxy	57.2828, 0.3050, 0.4373
Android (android.graphics.Color)	4287158924 (0xFF88DA8C)
YUV	184.5900, -21.9829, -42.6134
Hunter-Lab	75.6854, -38.2141, 26.5344

Details

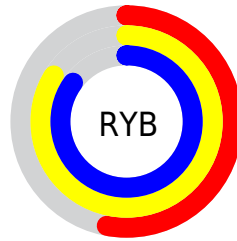
The YIQ color **184.5900, -23.8340, -41.6420** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **169.4100, 23.8340, 41.6420**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2090, -17.9670, -32.3270**, and **129.4590, -24.8430, -39.8750** is the 20% darker color. If you saturate the color by 10%, you get **175.6180, -30.2050, -52.8370**, and if you desaturate by 10%, it is **193.5620, -17.4630, -30.4470**.

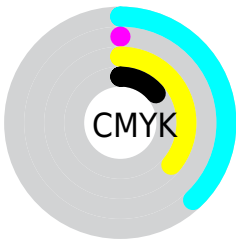
Distribution



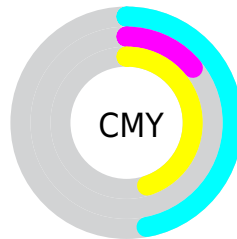
- Red (53%)
- Green (85%)
- Blue (55%)



- Red (53%)
- Yellow (84%)
- Blue (85%)



- Cyan (38%)
- Magenta (0%)
- Yellow (36%)
- Black (14%)



- Cyan (47%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 184.5900, -23.8340, -41.6420 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 184.5900, -23.8340, -41.6420 by changing the saturation by 10% instead.

■ 184.5900,
-23.8340, -41.6420

■ 184.5900,
-23.8340, -41.6420

■ 255.0000, -0.0000,
-0.0000

■ 157.1170,
-23.8800, -40.8080

■ 229.2090,
-17.9670, -32.3270

■ 130.0460,
-25.1180, -40.3980

■ 241.0720, -9.6710,
-17.4710

■ 103.3880,
-26.0810, -39.4650

■ 253.0490, -1.6960,
-2.3040

■ 75.5230, -30.8950,
-40.3270

■ 51.8330, -28.8320,
-39.1680

■ 35.8070, -16.7750,
-31.9030

■ 23.4800, -11.0000,

-20.9200

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 184.5900,
-23.8340, -41.6420

■ 184.5900,
-23.8340, -41.6420

■ 175.6180,
-30.2050, -52.8370

■ 193.5620,
-17.4630, -30.4470

■ 166.7600,
-36.8970, -63.7210

■ 202.4200,
-10.7710, -19.5630

■ 158.0870,
-42.6720, -74.7040

■ 211.0930, -4.9960,
-8.5800

■ 149.1150,
-49.0430, -85.8990

■ 220.0650, 1.3750,
2.6150

■ 140.1430,
-55.4140, -97.0940

■ 229.0370, 7.7460,
13.8100

■ 131.2850,
-62.1060, -107.9780

■ 233.2810, 10.1750,
19.3510

■ 129.2200,
-63.4810, -110.5930

Harmonies

Analogous

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



191.9300, 22.2430, -34.1810



184.5900, -23.8340, -41.6420



168.2510, -88.8470, -47.3350

Triad

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



184.5900, -23.8340, -41.6420



179.5710, -82.4350, -9.3390



190.7360, 54.1900, 20.1260

Complementary

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



184.5900, -23.8340, -41.6420



169.4100, 23.8340, 41.6420

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.



195.0340, 39.3320, 36.1000



184.5900, -23.8340, -41.6420



196.8010, -23.5240, 18.8440

Square

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



184.5900, -23.8340, -41.6420



157.6230, -142.0800, -35.2320



204.7730, 18.3780, 41.4020



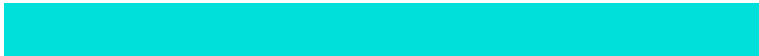
193.8070, 63.4550, 0.8870

Rectangle

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



184.5900, -23.8340, -41.6420



156.4540, -131.8990, -49.0430



204.7730, 18.3780, 41.4020



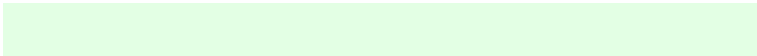
191.2720, 49.9250, 25.8370

Sweetspot

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



184.5900, -23.8340, -41.6420



243.5500, -8.0210, -14.3330



207.7550, 24.5340, -26.1380



121.0930, -4.9960, -8.5800



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.



184.5900, -23.8340, -41.6420



208.1890, -33.5510, -58.2790



189.1500, -36.6740, -29.2020



105.4570, -3.0250, -5.7530



102.5770, -50.4640, -87.6800



27.2300, -13.2920, -23.4360

Inverse Universe

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



169.4100, 23.8340, 41.6420



186.8110, 33.5510, 58.2790



164.8500, 36.6740, 29.2020



103.4290, 3.3460, 5.4420



70.5370, 50.1430, 87.9910



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 184.5900, -23.8340, -41.6420 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 184.5900, -23.8340, -41.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

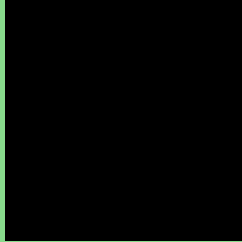
Any Text WCAG AA ✓ Pass

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 184.5900, -23.8340, -41.6420 Background



This preview shows how black text looks on a background with the YIQ color 184.5900, -23.8340, -41.6420.



This preview shows how white text looks on a background with the YIQ color 184.5900, -23.8340, -41.6420.

-41.6420.

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

184.5900, -23.8340, -41.6420

Protanopia

195.5590, 31.3180, -16.9220

Deuteranopia

198.1400, 40.3480, -4.3560



Tritanopia

193.0800, -38.5120, -6.8960

Trichromacy



Original Color

184.5900, -23.8340, -41.6420



Protanomaly

191.3390, 11.1460, -25.7980



Deuteranomaly

193.0180, 16.7840, -17.8400



Tritanomaly

190.1000, -33.2370, -19.9010

Monochromacy



Original Color

184.5900, -23.8340, -41.6420



Achromatopsia

185.0000, -0.0000, -0.0000



Achromatomaly

184.8380, -8.8920, -15.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 184.5900, -23.8340, -41.6420 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, 218, 140)` looks like.

```
.text, #text, p{  
    color:rgb(136, 218, 140)  
}
```

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, 218, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 218, 140) }
```

Border

The CSS property to change the border of an element to YIQ 184.5900, -23.8340, -41.6420 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, 218, 140) }
```


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

```
.border{ border-color:rgb(136, 218, 140) }
```

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

Here you see how a box with a 4 pixel rgb(136, 218, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 218, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 218, 140);  
box-shadow:4px 4px 4px 4px rgb(136, 218,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 184.5900, -23.8340, -41.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 218, 140) }
```

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

```
.background{ background-color: rgb(136,  
218, 140) }
```

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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