

Converting Colors

YIQ(187.3500, 20.6400,
-43.6800)

Have a look what the booklet for
YIQ(187.3500, 20.6400, -43.6800)
contains.

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Color

**YIQ(187.3500, 20.6400,
-43.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D25A
RGB	180, 210, 90
RGB Percent	71%, 82%, 35%
CMY	0.2943, 0.1764, 0.6469
CMYK	0.14, 0.00, 0.57, 0.18
HSL	75°, 57%, 59%
HSV	75°, 57%, 82%
XYZ	43.7107, 56.5370, 18.2918
YIQ	187.3500, 20.6400, -43.6800

Conversions

Conversions Part 2

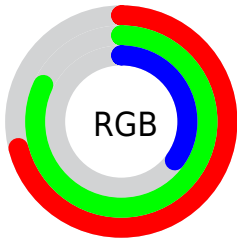
Format	Color
RYB	90, 210, 120
Decimal	11850330
CIELab	79.92, -27.50, 55.02
CIElCh	80, 61.511, 116.558
Yxy	56.5370, 0.3687, 0.4769
Android (android.graphics.Color)	4290040410 (0xFFB4D25A)
YUV	187.3500, -47.9935, -6.4459
Hunter-Lab	75.1911, -27.8174, 38.2103

Details

The YIQ color $187.3500, 20.6400, -43.6800$ 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 $112.6500, -20.6400, 43.6800$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.2630, 25.4990, -38.1250$, and $132.0510, 20.0440, -43.8920$ is the 20% darker color. If you saturate the color by 10%, you get $183.4610, 24.4010, -51.2710$, and if you desaturate by 10%, it is $191.2390, 16.8790, -36.0890$.

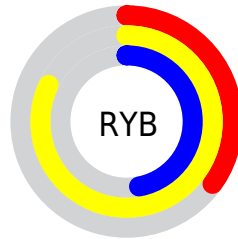
Distribution



Red (71%)

Green (82%)

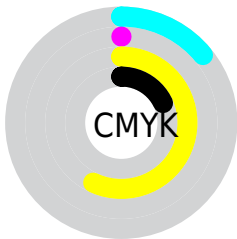
Blue (35%)



Red (35%)

Yellow (82%)

Blue (47%)

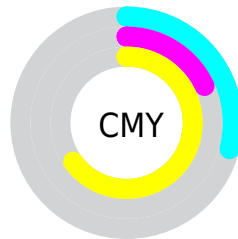


Cyan (14%)

Magenta (0%)

Yellow (57%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.3500, 20.6400, -43.6800 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 187.3500, 20.6400, -43.6800 by changing the saturation by 10% instead.

187.3500, 20.6400,
-43.6800

187.3500, 20.6400,
-43.6800

255.0000, -0.0000,
-0.0000

159.4640, 20.3190,
-43.3690

237.2630, 25.4990,
-38.1250

132.0510, 20.0440,
-43.8920

245.4240, 26.9640,
-26.1240

104.7260, 22.3370,
-46.9030

248.7300, 17.6550,
-17.1050

82.2770, 13.7160,
-39.3400

251.9220, 8.6670,
-8.3970

60.4150, 4.8200,
-32.3000

38.2430, -6.1390,
-26.4190

21.1320, -9.9000,

-18.8280

■ 0.0000, 0.0000,
0.0000

■ 187.3500, 20.6400,
-43.6800

■ 187.3500, 20.6400,
-43.6800

■ 183.4610, 24.4010,
-51.2710

■ 191.2390, 16.8790,
-36.0890

■ 179.2730, 27.5660,
-59.0740

■ 195.1280, 13.1180,
-28.4980

■ 175.3840, 31.3270,
-66.6650

■ 199.3160, 9.9530,
-20.6950

■ 171.4950, 35.0880,
-74.2560

■ 203.2050, 6.1920,
-13.1040

■ 170.2130, 35.8220,
-76.5460

■ 207.0940, 2.4310,
-5.5130

■ 211.2820, -0.7340,
2.2900

■ 215.1710, -4.4950,
9.8810

■ 218.7180, -7.2930,
16.5390

■ 220.2130, -4.3130,
17.5990

Harmonies

Analogous

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



193.0460, 63.1390, -26.4370



187.3500, 20.6400, -43.6800



176.7680, -39.3750, -51.8470

Triad

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



187.3500, 20.6400, -43.6800



158.2100, -142.3550, -35.7550



187.3060, 44.5580, 40.5100

Complementary

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



187.3500, 20.6400, -43.6800



112.6500, -20.6400, 43.6800

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.



200.9960, 25.3000, 48.1160



187.3500, 20.6400, -43.6800



165.5400, -107.5130, -17.4090

Square

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



187.3500, 20.6400, -43.6800



160.9340, -141.7580, -41.0700



195.0620, -19.7650, 22.3070



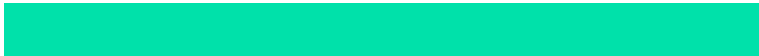
183.1560, 61.7550, 20.6910

Rectangle

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



187.3500, 20.6400, -43.6800



151.4550, -116.4450, -64.8050



195.0620, -19.7650, 22.3070



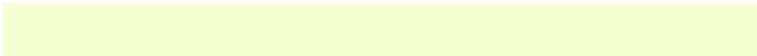
191.2330, 37.6340, 44.8500

Sweetspot

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



187.3500, 20.6400, -43.6800



246.8090, 7.2470, -15.7050



143.4900, 63.2700, 9.7500



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.



187.3500, 20.6400, -43.6800



221.7800, 30.2720, -64.0640



169.4100, -15.1200, -56.4000



102.8490, 1.7430, -4.0570



136.2900, 28.8960, -61.1520



33.3360, 7.2010, -14.8710

Inverse Universe

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



112.6500, -20.6400, 43.6800



112.2200, -30.2720, 64.0640



130.5900, 15.1200, 56.4000



96.1510, -1.7430, 4.0570



31.7100, -28.8960, 61.1520



7.6640, -7.2010, 14.8710

Previews

White Background



This preview shows how the YIQ color 187.3500, 20.6400, -43.6800 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 187.3500, 20.6400, -43.6800 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 187.3500, 20.6400, -43.6800

Background



This preview shows how black text looks on a background with the YIQ color 187.3500, 20.6400, -43.6800.



This preview shows how white text looks on a background with the YIQ color 187.3500, 20.6400,

-43.6800.

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

187.3500, 20.6400, -43.6800

Protanopia

191.8100, 49.0640, -30.1680

Deuteranopia

194.2560, 62.9080, -16.7400



Tritanopia

197.9270, -6.9240, 4.3400

Trichromacy



Original Color

187.3500, 20.6400, -43.6800

Protanomaly

189.7870, 38.7030, -35.1290

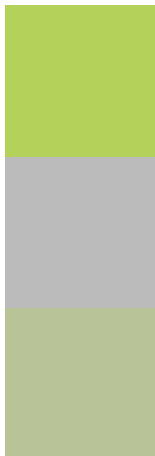
Deuteranomaly

191.8470, 47.6420, -26.4220

Tritanomaly

194.2370, 3.1660, -13.3300

Monochromacy



Original Color

187.3500, 20.6400, -43.6800

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.8090, 7.2470, -15.7050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.3500, 20.6400, -43.6800 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(180, 210, 90)` looks like.

```
.text, #text, p{  
    color:rgb(180, 210, 90)  
}
```

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(180, 210, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 210, 90) }
```

Border

The CSS property to change the border of an element to YIQ 187.3500, 20.6400, -43.6800 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(180, 210, 90) }
```


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

```
.border{ border-color:rgb(180, 210, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 210, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 210, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 210, 90);  
box-shadow:4px 4px 4px 4px rgb(180, 210,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 187.3500, 20.6400, -43.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 210, 90) }
```

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

```
.background{ background-color: rgb(180,  
210, 90) }
```

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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