

Converting Colors

YIQ(187.2460, 23.0280,
-64.9400)

Have a look what the booklet for
YIQ(187.2460, 23.0280, -64.9400)
contains.

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Color

**YIQ(187.2460, 23.0280,
-64.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	A9DF33
RGB	169, 223, 51
RGB Percent	66%, 87%, 20%
CMY	0.3375, 0.1254, 0.7997
CMYK	0.24, 0.00, 0.77, 0.13
HSL	79°, 73%, 54%
HSV	79°, 77%, 87%
XYZ	43.3417, 61.4551, 12.7163
YIQ	187.2460, 23.0280, -64.9400

Conversions

Conversions Part 2

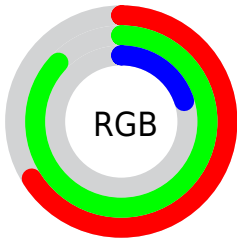
Format	Color
RYB	51, 223, 105
Decimal	11132723
CIELab	82.62, -40.25, 72.28
CIElCh	83, 82.729, 119.111
Yxy	61.4551, 0.3688, 0.5230
Android (android.graphics.Color)	4289322803 (0xFFA9DF33)
YUV	187.2460, -67.1693, -16.0017
Hunter-Lab	78.3933, -38.5001, 45.2578

Details

The YIQ color **187.2460, 23.0280, -64.9400** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **86.7540, -23.0280, 64.9400**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.5110, 30.1320, -50.5080**, and **132.1040, 20.5520, -64.1200** is the 20% darker color. If you saturate the color by 10%, you get **182.6450, 25.9180, -73.2660**, and if you desaturate by 10%, it is **191.8470, 20.1380, -56.6140**.

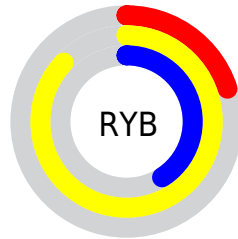
Distribution



Red (66%)

Green (87%)

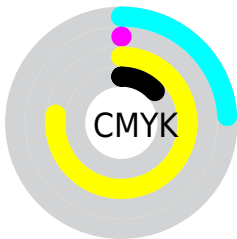
Blue (20%)



Red (20%)

Yellow (87%)

Blue (41%)

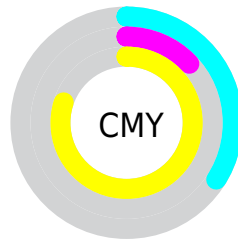


Cyan (24%)

Magenta (0%)

Yellow (77%)

Black (13%)



Cyan (34%)

Magenta (13%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2460, 23.0280, -64.9400 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 187.2460, 23.0280, -64.9400 by changing the saturation by 10% instead.

■ 187.2460, 23.0280,
-64.9400

■ 187.2460, 23.0280,
-64.9400

■ 255.0000, -0.0000,
-0.0000

■ 156.6670, 28.8520,
-71.3720

■ 230.5110, 30.1320,
-50.5080

■ 132.1040, 20.5520,
-64.1200

■ 241.7760, 37.2360,
-36.0760

■ 107.5840, 10.6930,
-56.1470

■ 245.0820, 27.9270,
-27.0570

■ 83.6510, 0.5590,
-48.6970

■ 248.3880, 18.6180,
-18.0380

■ 58.5110, -13.4260,
-43.0420

■ 251.6940, 9.3090,
-9.0190

■ 38.7420, -18.1500,
-34.5180

■ 25.8280, -12.1000,

-23.0120

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 187.2460, 23.0280,
-64.9400

■ 187.2460, 23.0280,
-64.9400

■ 182.6450, 25.9180,
-73.2660

■ 191.8470, 20.1380,
-56.6140

■ 177.9300, 29.1290,
-81.9030

■ 196.5620, 16.9270,
-47.9770

■ 176.6480, 29.8630,
-84.1930

■ 201.1630, 14.0370,
-39.6510

■ 205.7640, 11.1470,
-31.3250

■ 210.4790, 7.9360,
-22.6880

■ 215.0800, 5.0460,
-14.3620

■ 219.6810, 2.1560,
-6.0360

■ 224.2820, -0.7340,
2.2900

■ 228.9970, -3.9450,
10.9270

Harmonies

Analogous

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



192.7950, 87.8100, -49.5500



187.2460, 23.0280, -64.9400



159.2030, -90.0330, -80.9210

Triad

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



187.2460, 23.0280, -64.9400



166.4280, -146.2050, -43.0770



175.4350, 49.0490, 52.7370

Complementary

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



187.2460, 23.0280, -64.9400



86.7540, -23.0280, 64.9400

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.



193.9520, 28.6000, 54.3920



187.2460, 23.0280, -64.9400



155.8620, -141.2550, -33.6630

Square

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



187.2460, 23.0280, -64.9400



170.5370, -148.1300, -46.7380



197.7530, -14.4010, 24.2150



173.2280, 70.4200, 23.3480

Rectangle

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



187.2460, 23.0280, -64.9400



160.7160, -121.8540, -71.4060



197.7530, -14.4010, 24.2150



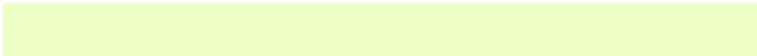
180.7470, 39.6030, 58.7310

Sweetspot

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



187.2460, 23.0280, -64.9400



242.8920, 8.2110, -22.1650



132.9520, 88.2120, 9.2680



120.3080, 4.4040, -13.7400



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.



187.2460, 23.0280, -64.9400



205.5570, 31.3770, -89.6070



162.1300, -27.0360, -82.7480



109.8490, 1.7430, -4.0570



139.4910, 23.7160, -66.3960



38.0430, 6.4680, -18.1080

Inverse Universe

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



86.7540, -23.0280, 64.9400



67.1440, -31.9730, 89.3950



111.8700, 27.0360, 82.7480



103.4500, -1.1470, 4.2690



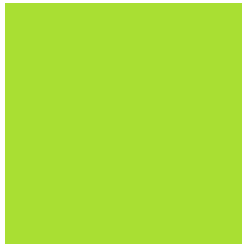
36.5090, -23.7160, 66.3960



9.9570, -6.4680, 18.1080

Previews

White Background



This preview shows how the YIQ color 187.2460, 23.0280, -64.9400 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 187.2460, 23.0280, -64.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

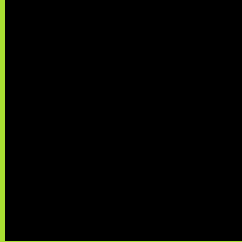
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.2460, 23.0280, -64.9400

Background



This preview shows how black text looks on a background with the YIQ color 187.2460, 23.0280, -64.9400.



This preview shows how white text looks on a background with the YIQ color 187.2460, 23.0280,

-64.9400.

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

187.2460, 23.0280, -64.9400

Protanopia

194.4630, 65.6180, -43.8380

Deuteranopia

199.2600, 74.2800, -24.6000



Tritanopia

203.8440, -17.0560, 0.7360

Trichromacy



Original Color

187.2460, 23.0280, -64.9400

Protanomaly

192.1080, 50.2600, -51.8520

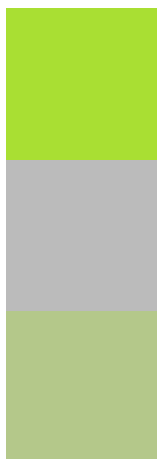
Deuteranomaly

194.8350, 55.9430, -39.2010

Tritanomaly

197.5040, -2.3800, -22.9560

Monochromacy



Original Color

187.2460, 23.0280, -64.9400

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9520, 7.9820, -23.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2460, 23.0280, -64.9400 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(169, 223, 51)` looks like.

```
.text, #text, p{  
    color:rgb(169, 223, 51)  
}
```

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(169, 223, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 223, 51) }
```

Border

The CSS property to change the border of an element to YIQ 187.2460, 23.0280, -64.9400 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(169, 223, 51) }
```


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

```
.border{ border-color:rgb(169, 223, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 223, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 223, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 223, 51);  
box-shadow:4px 4px 4px 4px rgb(169, 223,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2460, 23.0280, -64.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 223, 51) }
```

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

```
.background{ background-color: rgb(169,  
223, 51) }
```

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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