

Converting Colors

YIQ(187.2900, -23.8300,
-63.7500)

Have a look what the booklet for
YIQ(187.2900, -23.8300, -63.7500)
contains.

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Color

**YIQ(187.2900, -23.8300,
-63.7500)**

Conversions

Conversions Part 1

Format	Color
Hex	7DEB69
RGB	125, 235, 105
RGB Percent	49%, 92%, 41%
CMY	0.5101, 0.0782, 0.5882
CMYK	0.47, 0.00, 0.55, 0.08
HSL	111°, 77%, 67%
HSV	111°, 55%, 92%
XYZ	40.7161, 64.8163, 23.7299
YIQ	187.2900, -23.8300, -63.7500

Conversions

Conversions Part 2

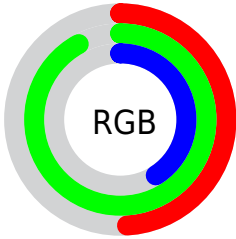
Format	Color
RYB	105, 235, 215
Decimal	8252265
CIELab	84.39, -55.79, 52.73
CIELCh	84, 76.766, 136.619
Yxy	64.8163, 0.3150, 0.5014
Android (android.graphics.Color)	4286442345 (0xFF7DEB69)
YUV	187.2900, -40.5690, -54.6283
Hunter-Lab	80.5086, -50.6162, 38.8803

Details

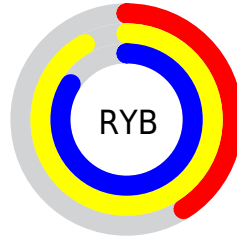
The YIQ color **187.2900, -23.8300, -63.7500** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **152.7100, 23.8300, 63.7500**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8270, -11.5000, -44.9080**, and **129.4360, -27.1770, -63.6650** is the 20% darker color. If you saturate the color by 10%, you get **178.6880, -28.3670, -75.1430**, and if you desaturate by 10%, it is **196.0060, -19.6140, -52.0460**.

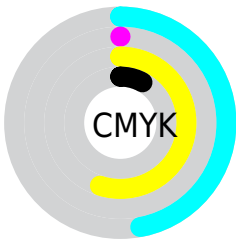
Distribution



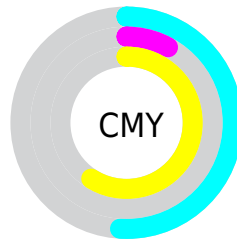
- Red (49%)
- Green (92%)
- Blue (41%)



- Red (41%)
- Yellow (92%)
- Blue (84%)



- Cyan (47%)
- Magenta (0%)
- Yellow (55%)
- Black (8%)



- Cyan (51%)
- Magenta (8%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2900, -23.8300, -63.7500 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 187.2900, -23.8300, -63.7500 by changing the saturation by 10% instead.

■ 187.2900,
-23.8300, -63.7500

■ 187.2900,
-23.8300, -63.7500

■ 255.0000, -0.0000,
-0.0000

■ 158.2190,
-25.0680, -63.3400

■ 222.8270,
-11.5000, -44.9080

■ 129.4360,
-27.1770, -63.6650

■ 234.6900, -3.2040,
-30.0520

■ 97.9080, -34.5580,
-67.5660

■ 246.9660, 5.3670,
-14.6730

■ 72.7880, -34.1000,
-64.8520

■ 253.8600, 3.2100,
-3.1100

■ 57.5260, -26.9500,
-51.2540

■ 42.8510, -20.0750,
-38.1790

■ 29.3500, -13.7500,

-26.1500

■ 14.0880, -6.6000,
-12.5520

■ 0.0000, 0.0000,
0.0000

■ 187.2900,
-23.8300, -63.7500

■ 187.2900,
-23.8300, -63.7500

■ 178.6880,
-28.3670, -75.1430

■ 196.0060,
-19.6140, -52.0460

■ 169.9720,
-32.5830, -86.8470


■ 204.6080,
-15.0770, -40.6530

■ 161.2560,
-36.7990, -98.5510

■ 213.3240,
-10.8610, -28.9490

■ 152.6540,
-41.3360, -109.9440

■ 221.9260, -6.3240,
-17.5560

 148.7090,
-43.1690, -115.2730

 230.3430, -2.7040,
-6.0640

 238.9450, 1.8330,
5.3290

 243.2600, 5.5000,
10.4600

Harmonies

Analogous

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



197.7270, 46.9590, -52.6010



187.2900, -23.8300, -63.7500



162.5910, -123.0000, -72.6640

Triad

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



187.2900, -23.8300, -63.7500



162.9060, -144.5550, -39.9390



180.4950, 56.8470, 32.5510

Complementary

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



187.2900, -23.8300, -63.7500



152.7100, 23.8300, 63.7500

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.



190.5780, 32.5890, 53.6850



187.2900, -23.8300, -63.7500



193.9560, -49.4260, 3.6780

Square

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



187.2900, -23.8300, -63.7500



170.5370, -148.1300, -46.7380



207.4530, 22.2750, 42.3630



185.8850, 71.9830, 0.5190

Rectangle

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



187.2900, -23.8300, -63.7500



169.4650, -139.6000, -58.1600



207.4530, 22.2750, 42.3630



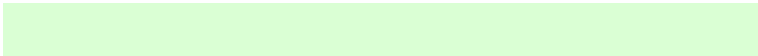
182.0570, 49.6930, 41.0610

Sweetspot

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



187.2900, -23.8300, -63.7500



239.0350, -8.2490, -21.2170



207.2660, 47.7800, -28.9240



118.4580, -4.7660, -12.7500



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.



187.2900, -23.8300, -63.7500



193.0910, -31.3000, -82.5640



186.2120, -49.5530, -54.6170



112.7560, -2.4290, -5.5410



114.6190, -33.0870, -88.7270



34.0900, -10.0820, -26.5460

Inverse Universe

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



152.7100, 23.8300, 63.7500



148.6100, 30.7040, 82.3520



153.7880, 49.5530, 54.6170



110.2440, 2.4290, 5.5410



66.3810, 33.0870, 88.7270



19.6110, 9.4860, 26.3340

Previews

White Background



This preview shows how the YIQ color 187.2900, -23.8300, -63.7500 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 187.2900, -23.8300, -63.7500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

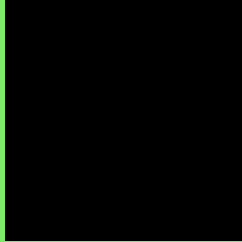
Any Text WCAG AA ✓ Pass

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 187.2900, -23.8300, -63.7500 Background



This preview shows how black text looks on a background with the YIQ color 187.2900, -23.8300, -63.7500.



This preview shows how white text looks on a background with the YIQ color 187.2900, -23.8300, -63.7500.

-63.7500.

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

187.2900, -23.8300, -63.7500

Protanopia

203.1090, 49.6600, -29.9560

Deuteranopia

206.9830, 59.4230, -14.1530



Tritanopia

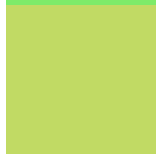
202.1220, -47.4980, -9.2420

Trichromacy



Original Color

187.2900, -23.8300, -63.7500



Protanomaly

197.0730, 22.9780, -41.9980



Deuteranomaly

200.1050, 29.1200, -32.1600



Tritanomaly

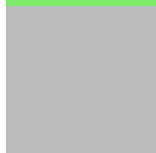
196.7800, -38.5080, -29.0040

Monochromacy



Original Color

187.2900, -23.8300, -63.7500



Achromatopsia

187.0000, -0.0000, -0.0000



Achromatomaly

186.6820, -8.7530, -23.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2900, -23.8300, -63.7500 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(125, 235, 105)` looks like.

```
.text, #text, p{  
    color:rgb(125, 235, 105)  
}
```

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(125, 235, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 235, 105) }
```

Border

The CSS property to change the border of an element to YIQ 187.2900, -23.8300, -63.7500 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(125, 235, 105) }
```


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

```
.border{ border-color:rgb(125, 235, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 235, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 235, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 235, 105);  
box-shadow:4px 4px 4px 4px rgb(125, 235,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2900, -23.8300, -63.7500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 235, 105) }
```

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

```
.background{ background-color: rgb(125,  
235, 105) }
```

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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