

Converting Colors

YIQ(188.5850, 12.3750, 23.5350)

Have a look what the booklet for
YIQ(188.5850, 12.3750, 23.5350)
contains.

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Color

**YIQ(188.5850, 12.3750,
23.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AAD7
RGB	215, 170, 215
RGB Percent	84%, 67%, 84%
CMY	0.1567, 0.3334, 0.1568
CMYK	0.00, 0.21, 0.00, 0.16
HSL	300°, 36%, 75%
HSV	300°, 21%, 84%
XYZ	54.6719, 48.1012, 70.6954
YIQ	188.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

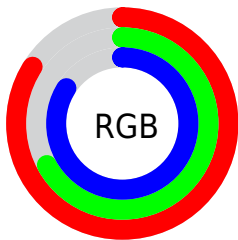
Format	Color
R _Y B	215, 170, 215
Decimal	14133975
CIE Lab	74.89, 24.06, -16.48
CIE LCh	75, 29.166, 325.597
Yxy	48.1012, 0.3152, 0.2773
Android (android.graphics.Color)	4292324055 (0xFFD7AAD7)
YUV	188.5850, 13.0226, 23.1660
Hunter-Lab	69.3550, 19.3385, -11.8873

Details

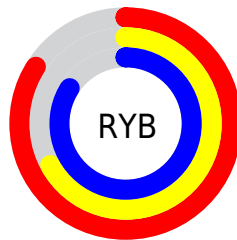
The YIQ color $188.5850, 12.3750, 23.5350$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $196.4150, -12.3750, -23.5350$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $134.7590, 11.8250, 22.4890$ is the 20% darker color. If you saturate the color by 10%, you get $175.6710, 18.4250, 35.0410$, and if you desaturate by 10%, it is $200.9120, 6.6000, 12.5520$.

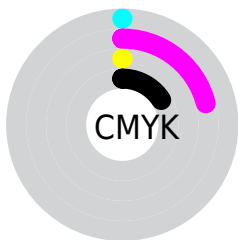
Distribution



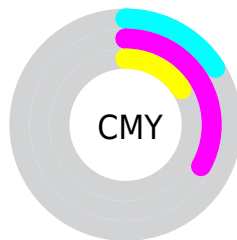
- Red (84%)
- Green (67%)
- Blue (84%)



- Red (84%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5850, 12.3750, 23.5350 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 188.5850, 12.3750, 23.5350 by changing the saturation by 10% instead.

■ 188.5850, 12.3750,
23.5350

■ 188.5850, 12.3750,
23.5350

■ 255.0000, -0.0000,
-0.0000

■ 161.1720, 12.1000,
23.0120

■ 237.9770, 7.9750,
15.1670

■ 134.7590, 11.8250,
22.4890

■ 254.4130, 0.2750,
0.5230

■ 109.0470, 10.9540,
21.7540

■ 84.6340, 10.6790,
21.2310

■ 60.8080, 10.1290,
20.1850

■ 38.0960, 9.2580,
19.4500

■ 15.5090, 9.5330,

19.9730

■ 1.9380, -5.4570,
5.2870

■ 0.0000, 0.0000,
0.0000

■ 188.5850, 12.3750,
23.5350

■ 188.5850, 12.3750,
23.5350

■ 175.6710, 18.4250,
35.0410

■ 200.9120, 6.6000,
12.5520

■ 163.3440, 24.2000,
46.0240

■ 213.8260, 0.5500,
1.0460

■ 150.4300, 30.2500,
57.5300

■ 226.1530, -5.2250,
-9.9370

■ 138.1030, 36.0250,
68.5130

■ 238.4800,
-11.0000, -20.9200

■ 125.1890, 42.0750,
80.0190

■ 112.8620, 47.8500,
91.0020

■ 99.9480, 53.9000,
102.5080

■ 88.7950, 59.1250,
112.4450

Harmonies

Analogous

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



186.3520, -14.9500, 17.6420



188.5850, 12.3750, 23.5350



188.3670, 33.4200, 22.0920

Triad

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



188.5850, 12.3750, 23.5350



183.0740, 31.5460, -10.0380



170.9090, -60.3800, -18.0760

Complementary

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



188.5850, 12.3750, 23.5350



196.4150, -12.3750, -23.5350

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.



172.8000, -41.2600, -23.1800



188.5850, 12.3750, 23.5350



180.4410, 11.0990, -19.4370

Square

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



188.5850, 12.3750, 23.5350



185.2100, 43.3270, 2.2310



177.0450, -14.2090, -23.3370



173.9450, -60.0610, -7.3330

Rectangle

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



188.5850, 12.3750, 23.5350



187.8100, 42.1780, 17.5540



177.0450, -14.2090, -23.3370



171.0790, -55.1070, -20.0270

Sweetspot

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



188.5850, 12.3750, 23.5350



246.1950, 4.1250, 7.8450



175.1300, -14.4450, 13.9950



122.6030, 2.7960, 4.3960



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.



188.5850, 12.3750, 23.5350



217.4320, 17.6000, 33.4720



186.0770, 19.4370, 16.6930



100.5430, 3.0250, 5.7530



70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Inverse Universe

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



188.5850, 12.3750, 23.5350



217.4320, 17.6000, 33.4720



199.0370, -19.7580, -16.3820



100.5430, 3.0250, 5.7530



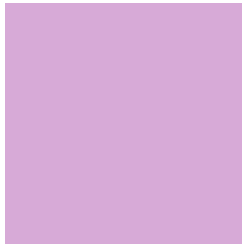
70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 188.5850, 12.3750, 23.5350 looks on a white background.

Color Contrast Check

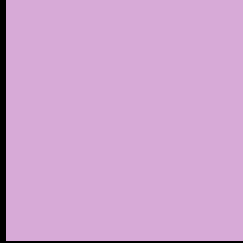
Large Text (above 18pt) WCAG AA × Fail

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 188.5850, 12.3750, 23.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

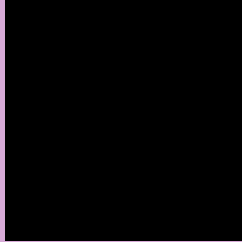
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.5850, 12.3750, 23.5350

Background



This preview shows how black text looks on a background with the YIQ color 188.5850, 12.3750, 23.5350.



This preview shows how white text looks on a background with the YIQ color 188.5850, 12.3750,

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

188.5850, 12.3750, 23.5350

Protanopia

185.5810, -17.3330, 11.2670

Deuteranopia

186.4530, -5.2290, 12.1710



Tritanopia

187.2460, 17.2830, 11.6750

Trichromacy



Original Color

188.5850, 12.3750, 23.5350

Protanomaly

186.4900, -6.6510, 15.9170

Deuteranomaly

186.9100, 0.9140, 16.4820

Tritanomaly

187.5110, 15.2190, 16.0430

Monochromacy



Original Color

188.5850, 12.3750, 23.5350

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.6080, 4.4000, 8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5850, 12.3750, 23.5350 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(215, 170, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 170, 215)  
}
```

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(215, 170, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 170, 215) }
```

Border

The CSS property to change the border of an element to YIQ 188.5850, 12.3750, 23.5350 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(215, 170, 215) }
```


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

```
.border{ border-color:rgb(215, 170, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 170, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 170, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 170, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 170,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5850, 12.3750, 23.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 170, 215) }
```

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

```
.background{ background-color: rgb(215,  
170, 215) }
```

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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