

Converting Colors

YIQ(210.2580, 15.8680,
-23.2680)

Have a look what the booklet for
YIQ(210.2580, 15.8680, -23.2680)
contains.

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Color

**YIQ(210.2580, 15.8680,
-23.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DD99
RGB	211, 221, 153
RGB Percent	83%, 87%, 60%
CMY	0.1726, 0.1333, 0.3999
CMYK	0.05, 0.00, 0.31, 0.13
HSL	69°, 50%, 73%
HSV	69°, 31%, 87%
XYZ	58.4689, 67.8623, 40.1669
YIQ	210.2580, 15.8680, -23.2680

Conversions

Conversions Part 2

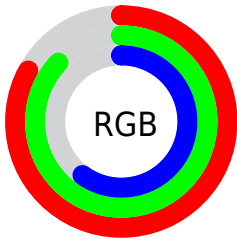
Format	Color
RYB	153, 221, 163
Decimal	13884825
CIELab	85.94, -14.15, 32.32
CIELCh	86, 35.277, 113.644
Yxy	67.8623, 0.3512, 0.4076
Android (android.graphics.Color)	4292074905 (0xFFD3DD99)
YUV	210.2580, -28.2282, 0.6507
Hunter-Lab	82.3786, -17.4707, 28.7559

Details

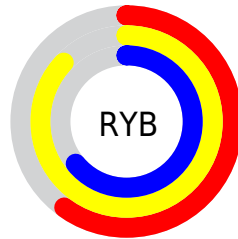
The YIQ color **210.2580, 15.8680, -23.2680** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **163.7420, -15.8680, 23.2680**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **249.6420, 15.0870, -14.6170**, and **155.6000, 14.9050, -22.3350** is the 20% darker color. If you saturate the color by 10%, you get **206.8530, 21.1420, -30.7460**, and if you desaturate by 10%, it is **213.6630, 10.5940, -15.7900**.

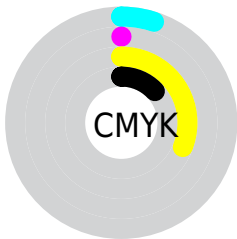
Distribution



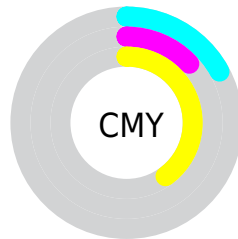
- Red (83%)
- Green (87%)
- Blue (60%)



- Red (60%)
- Yellow (87%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.2580, 15.8680, -23.2680 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 210.2580, 15.8680, -23.2680 by changing the saturation by 10% instead.

■ 210.2580, 15.8680,
-23.2680

■ 210.2580, 15.8680,
-23.2680

■ 255.0000, -0.0000,
-0.0000

■ 182.4860, 15.2260,
-22.6460

■ 249.6420, 15.0870,
-14.6170

■ 155.6000, 14.9050,
-22.3350

■ 252.8340, 6.0990,
-5.9090

■ 129.5290, 13.6670,
-21.9250

■ 103.7570, 13.0250,
-21.3030

■ 79.4580, 12.4290,
-21.5150

■ 55.4580, 12.4290,
-21.5150

■ 35.3960, 6.9720,

-16.2280

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 210.2580, 15.8680,
-23.2680

■ 210.2580, 15.8680,
-23.2680

■ 206.8530, 21.1420,
-30.7460

■ 213.6630, 10.5940,
-15.7900

■ 203.1490, 25.8200,
-38.4360

■ 217.3670, 5.9160,
-8.1000

■ 199.7440, 31.0940,
-45.9140

■ 220.7720, 0.6420,
-0.6220

■ 196.3390, 36.3680,
-53.3920

■ 224.1770, -4.6320,
6.8560

■ 192.9340, 41.6420,
-60.8700

■ 226.6700, -7.3380,
11.8460

■ 189.1160, 46.6410,
-68.8710

■ 227.8660, -4.9540,
12.6940

■ 185.9390, 51.2730,
-75.7270

■ 228.7630, -3.1660,
13.3300

■ 229.6600, -1.3780,
13.9660

■ 230.5570, 0.4100,
14.6020

Harmonies

Analogous

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



213.5110, 40.4410, -11.5510



210.2580, 15.8680, -23.2680



205.9860, -15.7210, -28.9770

Triad

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



210.2580, 15.8680, -23.2680



199.0740, -73.9060, -15.2340



213.7840, 27.8720, 23.5200

Complementary

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



210.2580, 15.8680, -23.2680



163.7420, -15.8680, 23.2680

Split Complementary

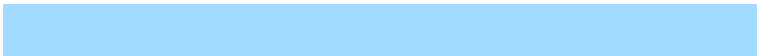
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.3450, 13.2910, 28.9630



210.2580, 15.8680, -23.2680



206.3490, -46.3990, -1.6230

Square

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



210.2580, 15.8680, -23.2680



196.7220, -76.1510, -24.1110



214.5430, -14.1700, 14.5180



210.0220, 38.4650, 13.2570

Rectangle

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



210.2580, 15.8680, -23.2680



202.3670, -38.7830, -29.5270



214.5430, -14.1700, 14.5180



215.7390, 23.7450, 26.7290

Sweetspot

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



210.2580, 15.8680, -23.2680



251.4810, 5.5950, -7.7890



178.6150, 38.0530, 9.7090



125.3930, 3.0270, -5.3010



0.0000, 0.0000, 0.0000



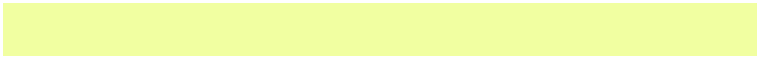
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.2580, 15.8680, -23.2680



240.0980, 21.8300, -32.2020



200.3910, -3.8000, -30.2640



108.1480, 2.3390, -3.8450



145.8030, 40.6330, -59.1030



38.6630, 10.5940, -15.7900

Inverse Universe

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



163.7420, -15.8680, 23.2680



175.9020, -21.8300, 32.2020



173.6090, 3.8000, 30.2640



100.5530, -2.9350, 3.6330



27.4960, -40.0370, 59.3150



7.3370, -10.5940, 15.7900

Previews

White Background



This preview shows how the YIQ color 210.2580, 15.8680, -23.2680 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 210.2580, 15.8680, -23.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

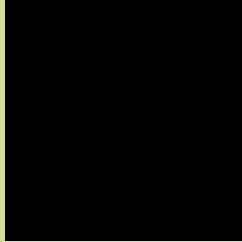
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

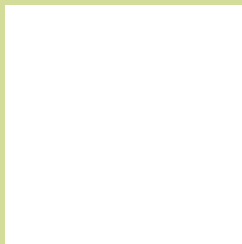
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.2580, 15.8680, -23.2680

Background



This preview shows how black text looks on a background with the YIQ color 210.2580, 15.8680, -23.2680.



This preview shows how white text looks on a background with the YIQ color 210.2580, 15.8680, -23.2680.

-23.2680.

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

210.2580, 15.8680, -23.2680

Protanopia

212.6730, 30.9970, -16.6110

Deuteranopia

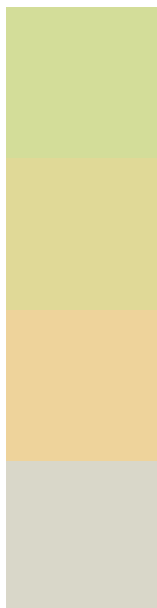
214.6520, 44.6580, -5.3740



Tritanopia

215.9280, 0.5030, 7.4070

Trichromacy



Original Color

210.2580, 15.8680, -23.2680

Protanomaly

211.5690, 25.3580, -19.0420

Deuteranomaly

212.6890, 34.0680, -11.6920

Tritanomaly

214.0020, 5.6860, -3.9300

Monochromacy



Original Color

210.2580, 15.8680, -23.2680

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9540, 5.6410, -8.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.2580, 15.8680, -23.2680 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(211, 221, 153)` looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 153)  
}
```

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(211, 221, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 153) }
```

Border

The CSS property to change the border of an element to YIQ 210.2580, 15.8680, -23.2680 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(211, 221, 153) }
```


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

```
.border{ border-color:rgb(211, 221, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 153);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 210.2580, 15.8680, -23.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 153) }
```

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

```
.background{ background-color: rgb(211,  
221, 153) }
```

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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