

Converting Colors

YIQ(212.6310, 13.6200,
-15.5640)

Have a look what the booklet for
YIQ(212.6310, 13.6200, -15.5640)
contains.

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Color

**YIQ(212.6310, 13.6200,
-15.5640)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DBAB
RGB	216, 219, 171
RGB Percent	85%, 86%, 67%
CMY	0.1530, 0.1412, 0.3293
CMYK	0.01, 0.00, 0.22, 0.14
HSL	64°, 40%, 76%
HSV	64°, 22%, 86%
XYZ	61.0008, 68.2023, 48.4890
YIQ	212.6310, 13.6200, -15.5640

Conversions

Conversions Part 2

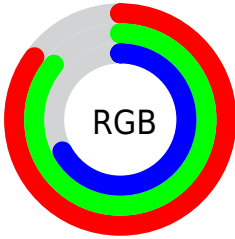
Format	Color
RYB	171, 219, 174
Decimal	14212011
CIELab	86.11, -8.83, 23.32
CIELCh	86, 24.933, 110.738
Yxy	68.2023, 0.3433, 0.3838
Android (android.graphics.Color)	4292402091 (0xFFD8DBAB)
YUV	212.6310, -20.5241, 2.9546
Hunter-Lab	82.5847, -12.6749, 22.9976

Details

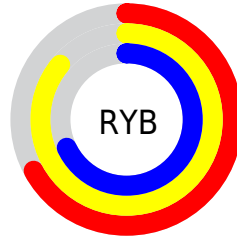
The YIQ color $212.6310, 13.6200, -15.5640$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $177.3690, -13.6200, 15.5640$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.8080, 8.9880, -8.7080$, and $157.9730, 12.6570, -14.6310$ is the 20% darker color. If you saturate the color by 10%, you get $209.8240, 20.0860, -22.6180$, and if you desaturate by 10%, it is $215.4380, 7.1540, -8.5100$.

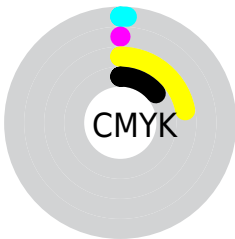
Distribution



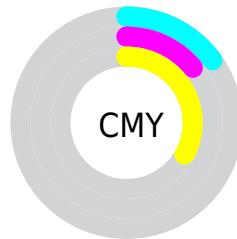
- Red (85%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (68%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6310, 13.6200, -15.5640 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 212.6310, 13.6200, -15.5640 by changing the saturation by 10% instead.

■ 212.6310, 13.6200,
-15.5640

■ 212.6310, 13.6200,
-15.5640

255.0000, -0.0000,
-0.0000

■ 184.7450, 13.2990,
-15.2530

■ 251.8080, 8.9880,
-8.7080

■ 157.9730, 12.6570,
-14.6310

■ 131.7880, 11.7400,
-14.5320

■ 106.3150, 11.6940,
-13.6980

■ 82.1300, 10.7770,
-13.5990

■ 58.9450, 9.8600,
-13.5000

■ 36.6030, 10.8230,

-14.4330

■ 16.7900, 0.2310,
-9.6970

■ 0.0000, 0.0000,
0.0000

■ 212.6310, 13.6200,
-15.5640

■ 212.6310, 13.6200,
-15.5640

■ 209.8240, 20.0860,
-22.6180

■ 215.4380, 7.1540,
-8.5100

■ 206.7180, 25.9560,
-29.8840

■ 218.5440, 1.2840,
-1.2440

■ 203.9110, 32.4220,
-36.9380

■ 221.3510, -5.1820,
5.8100

■ 200.8050, 38.2920,
-44.2040

■ 223.7020,
-10.3640, 11.6200

■ 198.1120, 44.4370,
-50.9470

■ 224.3000, -9.1720,
12.0440

■ 195.3050, 50.9030,
-58.0010

■ 224.5990, -8.5760,
12.2560

■ 192.1990, 56.7730,
-65.2670

■ 225.1970, -7.3840,
12.6800

■ 189.8480, 61.9550,
-71.0770

■ 225.4960, -6.7880,
12.8920

■ 225.7950, -6.1920,
13.1040

Harmonies

Analogous

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



214.8830, 30.7660, -6.9140



212.6310, 13.6200, -15.5640



209.6760, -8.6160, -20.0720

Triad

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



212.6310, 13.6200, -15.5640



207.6210, -50.3410, -7.2770



218.5940, 25.3510, 19.6470

Complementary

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



212.6310, 13.6200, -15.5640



177.3690, -13.6200, 15.5640

Split Complementary

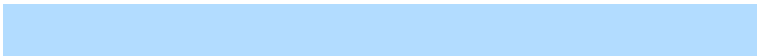
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.2530, 7.3780, 20.4820



212.6310, 13.6200, -15.5640



211.4320, -36.2670, 1.9810

Square

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



212.6310, 13.6200, -15.5640



205.6070, -47.7260, -16.1260



216.3040, -14.9950, 12.9490



215.8580, 33.0550, 12.1830

Rectangle

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



212.6310, 13.6200, -15.5640



207.9500, -24.0670, -20.8910



216.3040, -14.9950, 12.9490



219.4950, 21.3160, 21.1880

Sweetspot

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



212.6310, 13.6200, -15.5640



252.6490, 5.1820, -5.8100



186.5260, 28.0580, 9.1300



126.4470, 2.9350, -3.6330



0.0000, 0.0000, 0.0000



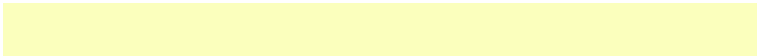
128.0000, -0.0000, -0.0000

Same Dimension

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



212.6310, 13.6200, -15.5640



246.2800, 18.8020, -21.3740



205.7540, -0.0880, -20.4400



108.4470, 2.9350, -3.6330



150.2880, 49.5730, -55.9230



39.8590, 12.9780, -14.9420

Inverse Universe

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



177.3690, -13.6200, 15.5640



197.7200, -18.8020, 21.3740



184.2460, 0.0880, 20.4400



100.2540, -3.5310, 3.4210



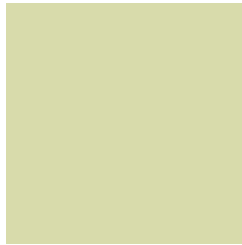
23.0110, -48.9770, 56.1350



6.1410, -12.9780, 14.9420

Previews

White Background



This preview shows how the YIQ color 212.6310, 13.6200, -15.5640 looks on a white background.

Color Contrast Check

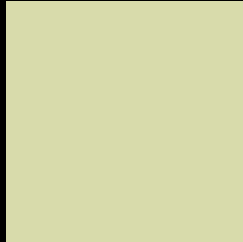
Large Text (above 18pt) WCAG AA × Fail

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 212.6310, 13.6200, -15.5640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

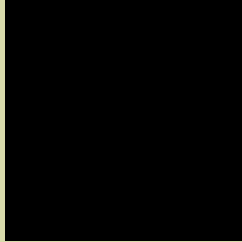
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.6310, 13.6200, -15.5640

Background



This preview shows how black text looks on a background with the YIQ color 212.6310, 13.6200, -15.5640.



This preview shows how white text looks on a background with the YIQ color 212.6310, 13.6200, -15.5640.

-15.5640.

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

212.6310, 13.6200, -15.5640

Protanopia

213.9420, 23.1100, -11.3380

Deuteranopia

216.0950, 36.2210, -1.1470



Tritanopia

216.8250, 2.2910, 8.0430

Trichromacy



Original Color

212.6310, 13.6200, -15.5640

Protanomaly

213.1480, 19.5340, -12.6100

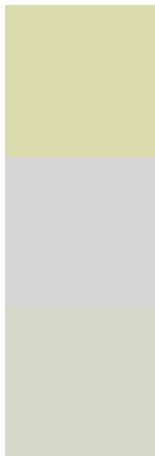
Deuteranomaly

214.7410, 28.2900, -6.0940

Tritanomaly

215.2950, 6.4190, -0.6930

Monochromacy



Original Color

212.6310, 13.6200, -15.5640

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.7630, 4.8610, -5.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6310, 13.6200, -15.5640 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(216, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 219, 171)  
}
```

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(216, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 219, 171) }
```

Border

The CSS property to change the border of an element to YIQ 212.6310, 13.6200, -15.5640 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(216, 219, 171) }
```


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

```
.border{ border-color:rgb(216, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 219,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6310, 13.6200, -15.5640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 219, 171) }
```

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

```
.background{ background-color: rgb(216,  
219, 171) }
```

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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