

Converting Colors

YIQ(213.0010, 15.4540,
-15.7620)

Have a look what the booklet for
YIQ(213.0010, 15.4540, -15.7620)
contains.

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Color

**YIQ(213.0010, 15.4540,
-15.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBA9
RGB	218, 219, 169
RGB Percent	85%, 86%, 66%
CMY	0.1451, 0.1412, 0.3371
CMYK	0.00, 0.00, 0.23, 0.14
HSL	61°, 41%, 76%
HSV	61°, 23%, 86%
XYZ	61.4063, 68.4328, 47.5211
YIQ	213.0010, 15.4540, -15.7620

Conversions

Conversions Part 2

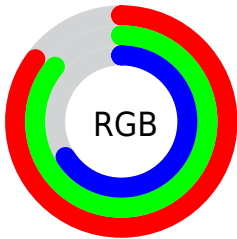
Format	Color
RYB	169, 219, 170
Decimal	14343081
CIELab	86.22, -8.37, 24.54
CIELCh	86, 25.927, 108.836
Yxy	68.4328, 0.3462, 0.3858
Android (android.graphics.Color)	4292533161 (0xFFDADBA9)
YUV	213.0010, -21.6925, 4.3841
Hunter-Lab	82.7241, -12.2663, 23.8476

Details

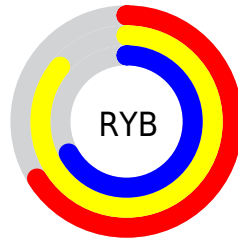
The YIQ color **213.0010, 15.4540, -15.7620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **174.9990, -15.4540, 15.7620**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **251.4660, 9.9510, -9.6410**, and **158.3430, 14.4910, -14.8290** is the 20% darker color. If you saturate the color by 10%, you get **210.4930, 22.5160, -22.6040**, and if you desaturate by 10%, it is **215.5090, 8.3920, -8.9200**.

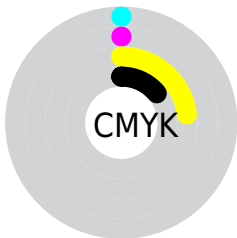
Distribution



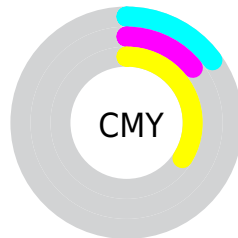
- Red (85%)
- Green (86%)
- Blue (66%)



- Red (66%)
- Yellow (86%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (15%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0010, 15.4540, -15.7620 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 213.0010, 15.4540, -15.7620 by changing the saturation by 10% instead.

■ 213.0010, 15.4540,
-15.7620

■ 213.0010, 15.4540,
-15.7620

■ 255.0000, -0.0000,
-0.0000

■ 185.1150, 15.1330,
-15.4510

■ 251.4660, 9.9510,
-9.6410

■ 158.3430, 14.4910,
-14.8290

■ 254.7720, 0.6420,
-0.6220

■ 132.1580, 13.5740,
-14.7300

■ 106.3860, 12.9320,
-14.1080

■ 82.2010, 12.0150,
-14.0090

■ 59.0160, 11.0980,
-13.9100

■ 36.9020, 11.4190,

-14.2210

■ 17.3880, 1.4230,
-9.2730

■ 0.0000, 0.0000,
0.0000

■ 213.0010, 15.4540,
-15.7620

■ 213.0010, 15.4540,
-15.7620

■ 210.4930, 22.5160,
-22.6040

■ 215.5090, 8.3920,
-8.9200

■ 207.6860, 28.9820,
-29.6580

■ 218.3160, 1.9260,
-1.8660

■ 205.1780, 36.0440,
-36.5000

■ 220.8240, -5.1360,
4.9760

■ 202.3710, 42.5100,
-43.5540

■ 223.4030,
-10.9600, 11.4080

■ 199.9770, 49.2510,
-50.0850

■ 223.7020,
-10.3640, 11.6200

■ 197.1700, 55.7170,
-57.1390

■ 224.0010, -9.7680,
11.8320

■ 194.6620, 62.7790,
-63.9810

■ 192.8380, 67.9150,
-68.9570

Harmonies

Analogous

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



215.6660, 32.8750, -6.5890



213.0010, 15.4540, -15.7620



209.7470, -7.3780, -20.4820

Triad

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



213.0010, 15.4540, -15.7620



207.1260, -53.3210, -8.3370



218.8220, 24.7090, 20.2690

Complementary

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



213.0010, 15.4540, -15.7620



174.9990, -15.4540, 15.7620

Split Complementary

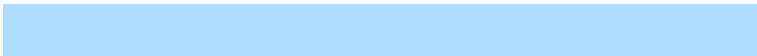
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.1820, 6.1400, 20.8920



213.0010, 15.4540, -15.7620



211.1220, -38.3300, 0.8220

Square

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



213.0010, 15.4540, -15.7620



205.5960, -49.1930, -17.0730



216.2930, -16.4620, 12.0020



215.9720, 32.7340, 12.4940

Rectangle

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



213.0010, 15.4540, -15.7620



207.7220, -23.4250, -21.5130



216.2930, -16.4620, 12.0020



220.0220, 21.2700, 22.0220

Sweetspot

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



213.0010, 15.4540, -15.7620



252.9480, 5.7780, -5.5980



184.5370, 29.5250, 10.0770



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.



213.0010, 15.4540, -15.7620



246.8350, 21.5530, -21.6710



205.5260, 0.5540, -21.0620



108.4470, 2.9350, -3.6330



152.3810, 53.7450, -54.4390



40.4570, 14.1700, -14.5180

Inverse Universe

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



174.9990, -15.4540, 15.7620



194.4640, -20.9570, 21.8830



182.4740, -0.5540, 21.0620



100.2540, -3.5310, 3.4210



20.9180, -53.1490, 54.6510



5.5430, -14.1700, 14.5180

Previews

White Background



This preview shows how the YIQ color 213.0010, 15.4540, -15.7620 looks on a white background.

Color Contrast Check

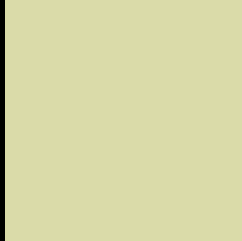
Large Text (above 18pt) WCAG AA × Fail

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 213.0010, 15.4540, -15.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

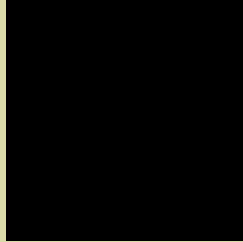
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

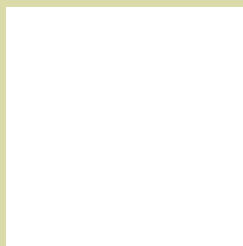
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.0010, 15.4540, -15.7620

Background



This preview shows how black text looks on a background with the YIQ color 213.0010, 15.4540, -15.7620.



This preview shows how white text looks on a background with the YIQ color 213.0010, 15.4540, -15.7620.

-15.7620.

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

213.0010, 15.4540, -15.7620

Protanopia

214.0130, 24.3480, -11.7480

Deuteranopia

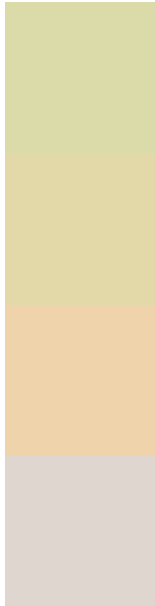
216.0520, 37.7800, -1.8680



Tritanopia

217.4230, 3.4830, 8.4670

Trichromacy



Original Color

213.0010, 15.4540, -15.7620

Protanomaly

213.5180, 21.3680, -12.8080

Deuteranomaly

214.6980, 29.8490, -6.8150

Tritanomaly

215.8930, 7.6110, -0.2690

Monochromacy



Original Color

213.0010, 15.4540, -15.7620

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.9480, 5.7780, -5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0010, 15.4540, -15.7620 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(218, 219, 169)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 169)  
}
```

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(218, 219, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 169) }
```

Border

The CSS property to change the border of an element to YIQ 213.0010, 15.4540, -15.7620 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(218, 219, 169) }
```


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

```
.border{ border-color:rgb(218, 219, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 219, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 219, 169); box-shadow:4px 4px 4px 4px rgb(218, 219, 169) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0010, 15.4540, -15.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 169) }
```

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

```
.background{ background-color: rgb(218,  
219, 169) }
```

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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