

Converting Colors

YIQ(215.2560, 2.1550, -0.5090)

Have a look what the booklet for
YIQ(215.2560, 2.1550, -0.5090)
contains.

YIQ(215.2560, 2.1550, -0.5090)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.2560, 2.1550,
-0.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D7D4
RGB	217, 215, 212
RGB Percent	85%, 84%, 83%
CMY	0.1490, 0.1568, 0.1686
CMYK	0.00, 0.01, 0.02, 0.15
HSL	36°, 6%, 84%
HSV	36°, 2%, 85%
XYZ	64.7997, 68.1059, 72.0196
YIQ	215.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

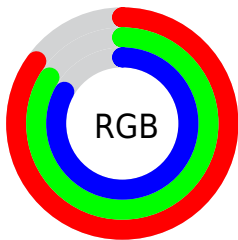
Format	Color
R _Y B	215, 217, 212
Decimal	14276564
CIE Lab	86.06, 0.15, 1.71
CIE LCh	86, 1.713, 84.908
Yxy	68.1059, 0.3162, 0.3323
Android (android.graphics.Color)	4292466644 (0xFFD9D7D4)
YUV	215.2560, -1.6052, 1.5295
Hunter-Lab	82.5263, -4.2626, 6.0268

Details

The YIQ color **215.2560, 2.1550, -0.5090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **213.7440, -2.1550, 0.5090**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.2560, 2.1550, -0.5090** is the 20% darker color. If you saturate the color by 10%, you get **207.4650, 11.6920, -2.6440**, and if you desaturate by 10%, it is **223.0470, -7.3820, 1.6260**.

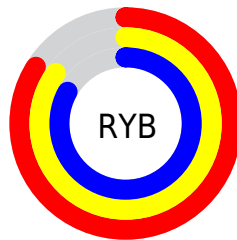
Distribution



Red (85%)

Green (84%)

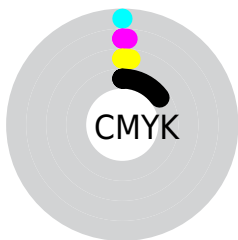
Blue (83%)



Red (84%)

Yellow (85%)

Blue (83%)

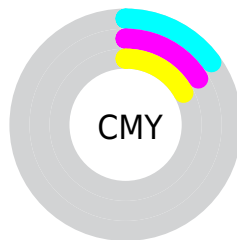


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.2560, 2.1550, -0.5090 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 215.2560, 2.1550, -0.5090 by changing the saturation by 10% instead.

■ 215.2560, 2.1550,
-0.5090

■ 215.2560, 2.1550,
-0.5090

255.0000, -0.0000,
-0.0000

■ 187.2560, 2.1550,
-0.5090

■ 160.2560, 2.1550,
-0.5090

■ 134.2560, 2.1550,
-0.5090

■ 109.2560, 2.1550,
-0.5090

■ 84.9570, 1.5590,
-0.7210

■ 61.3700, 1.8340,
-0.1980

■ 39.9570, 1.5590,

-0.7210

■ 19.3700, 1.8340,
-0.1980

■ 0.0000, 0.0000,
0.0000

■ 215.2560, 2.1550,
-0.5090

■ 215.2560, 2.1550,
-0.5090

■ 207.4650, 11.6920,
-2.6440

■ 223.0470, -7.3820,
1.6260

■ 200.3750, 20.6330,
-4.9910

■ 230.1370,
-16.3230, 3.9730

■ 192.5840, 30.1700,
-7.1260

■ 235.4200,
-18.7980, -0.7340

■ 184.7930, 39.7070,
-9.2610

■ 240.7030,
-21.2730, -5.4410

■ 177.7030, 48.6480,
-11.6080

■ 243.6380,
-22.6480, -8.0560

■ 169.9120, 58.1850,
-13.7430

■ 162.1210, 67.7220,
-15.8780

■ 154.9170, 76.9840,
-18.5360

■ 147.2400, 86.2000,
-20.3600

Harmonies

Analogous

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



215.6690, 2.4300, 0.0140



215.2560, 2.1550, -0.5090



215.2450, 0.6880, -1.4560

Triad

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



215.2560, 2.1550, -0.5090



214.5050, -2.9800, -1.0600



215.2390, 0.8250, 1.5690

Complementary

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



215.2560, 2.1550, -0.5090



213.7440, -2.1550, 0.5090

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.



215.3420, -0.9630, 0.9330



215.2560, 2.1550, -0.5090



215.0320, -3.0260, -0.2260

Square

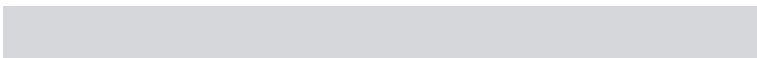
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



215.2560, 2.1550, -0.5090



214.6900, -2.0630, -1.1590



214.7440, -2.1550, 0.5090



215.4240, 1.7420, 1.4700

Rectangle

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



215.2560, 2.1550, -0.5090



215.0600, -0.2290, -1.3570



214.7440, -2.1550, 0.5090



215.9400, 0.2290, 1.3570

Sweetspot

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



215.2560, 2.1550, -0.5090



254.0710, 1.2380, -0.4100



213.7230, 2.3380, 1.6820



127.1850, 0.9170, -0.0990



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.



215.2560, 2.1550, -0.5090



252.3270, 3.3930, -0.9190



216.4300, 1.6050, -1.5550



108.2560, 2.1550, -0.5090



112.7750, 74.5080, -17.7160



30.1900, 19.7160, -4.8920

Inverse Universe

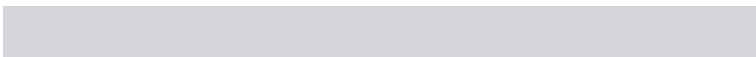
The Inverse Universe completely reimagines the original color for something new.



213.7440, -2.1550, 0.5090



249.6730, -3.3930, 0.9190



212.8690, -1.0090, 1.7670



106.7440, -2.1550, 0.5090



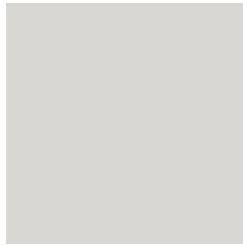
60.2250, -74.5080, 17.7160



15.8100, -19.7160, 4.8920

Previews

White Background



This preview shows how the YIQ color 215.2560, 2.1550, -0.5090 looks on a white background.

Color Contrast Check

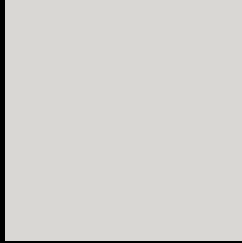
Large Text (above 18pt) WCAG AA × Fail

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 215.2560, 2.1550, -0.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

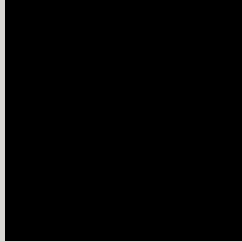
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

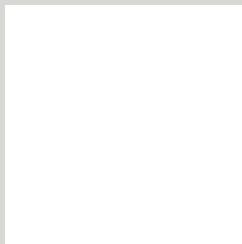
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.2560, 2.1550, -0.5090

Background



This preview shows how black text looks on a background with the YIQ color 215.2560, 2.1550, -0.5090.



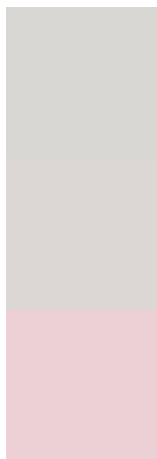
This preview shows how white text looks on a background with the YIQ color 215.2560, 2.1550,

-0.5090.

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

215.2560, 2.1550, -0.5090

Protanopia

215.5660, 4.2180, 0.6500

Deuteranopia

216.9420, 15.0830, 7.4910



Tritanopia

216.3300, -0.6890, 6.9830

Trichromacy



Original Color

215.2560, 2.1550, -0.5090

Protanomaly

215.2670, 3.6220, 0.4380

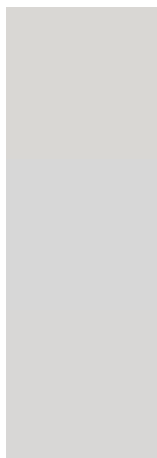
Deuteranomaly

216.6100, 10.0860, 4.4380

Tritanomaly

215.9340, 0.3660, 4.3820

Monochromacy



Original Color

215.2560, 2.1550, -0.5090

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

215.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.2560, 2.1550, -0.5090 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(217, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(217, 215, 212)  
}
```

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(217, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 215, 212) }
```

Border

The CSS property to change the border of an element to YIQ 215.2560, 2.1550, -0.5090 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(217, 215, 212) }
```


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

```
.border{ border-color:rgb(217, 215, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 215,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 215.2560, 2.1550, -0.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 215, 212) }
```

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

```
.background{ background-color: rgb(217,  
215, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor