

Converting Colors

YIQ(210.5270, 25.1760,
-26.7600)

Have a look what the booklet for
YIQ(210.5270, 25.1760, -26.7600)
contains.

YIQ(210.5270, 25.1760, -26.7600)	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(210.5270, 25.1760,
-26.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	DADD89
RGB	218, 221, 137
RGB Percent	85%, 87%, 54%
CMY	0.1452, 0.1333, 0.4626
CMYK	0.01, 0.00, 0.38, 0.13
HSL	62°, 55%, 70%
HSV	62°, 38%, 87%
XYZ	59.2840, 68.4239, 33.7653
YIQ	210.5270, 25.1760, -26.7600

Conversions

Conversions Part 2

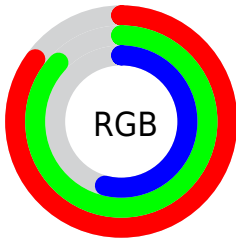
Format	Color
RYB	137, 221, 140
Decimal	14343561
CIELab	86.22, -13.39, 40.86
CIELCh	86, 43.002, 108.142
Yxy	68.4239, 0.3671, 0.4237
Android (android.graphics.Color)	4292533641 (0xFFDADD89)
YUV	210.5270, -36.2488, 6.5538
Hunter-Lab	82.7187, -16.8279, 33.7013

Details

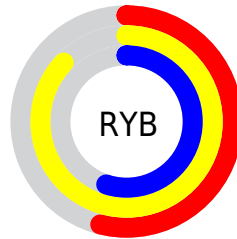
The YIQ color $210.5270, 25.1760, -26.7600$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $147.4730, -25.1760, 26.7600$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $247.7040, 20.5440, -19.9040$, and $155.5700, 23.6170, -26.0390$ is the 20% darker color. If you saturate the color by 10%, you get $207.7200, 31.6420, -33.8140$, and if you desaturate by 10%, it is $213.3340, 18.7100, -19.7060$.

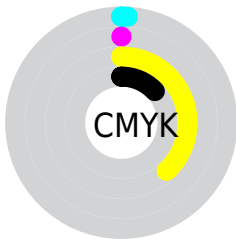
Distribution



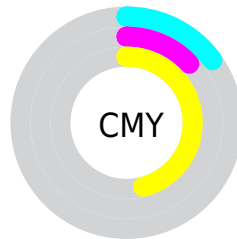
- Red (85%)
- Green (87%)
- Blue (54%)



- Red (54%)
- Yellow (87%)
- Blue (55%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.5270, 25.1760, -26.7600 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 210.5270, 25.1760, -26.7600 by changing the saturation by 10% instead.

■ 210.5270, 25.1760,
-26.7600

■ 210.5270, 25.1760,
-26.7600

■ 255.0000, -0.0000,
-0.0000

■ 182.7550, 24.5340,
-26.1380

■ 247.7040, 20.5440,
-19.9040

■ 155.5700, 23.6170,
-26.0390

■ 251.0100, 11.2350,
-10.8850

■ 129.4990, 22.3790,
-25.6290

■ 254.2020, 2.2470,
-2.1770

■ 103.3140, 21.4620,
-25.5300

■ 78.5590, 22.1500,
-26.9860

■ 56.0840, 16.4180,
-22.2220

■ 35.9940, 8.1640,

-15.8040

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,
0.0000

■ 210.5270, 25.1760,
-26.7600

■ 210.5270, 25.1760,
-26.7600

■ 207.7200, 31.6420,
-33.8140

■ 213.3340, 18.7100,
-19.7060

■ 204.9130, 38.1080,
-40.8680

■ 216.1410, 12.2440,
-12.6520

■ 202.4050, 45.1700,
-47.7100

■ 218.6490, 5.1820,
-5.8100

■ 199.5980, 51.6360,
-54.7640

■ 221.4560, -1.2840,
1.2440

■ 196.7910, 58.1020,
-61.8180

■ 224.3770, -8.0710,
8.6090

■ 193.8700, 64.8890,
-69.1830

■ 225.4740, -9.7220,
10.9980

■ 193.4140, 66.1730,
-70.4270

■ 225.7730, -9.1260,
11.2100

■ 226.0720, -8.5300,
11.4220

Harmonies

Analogous

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



213.8450, 51.1240, -12.4280



210.5270, 25.1760, -26.7600



205.2650, -12.3730, -34.5890

Triad

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



210.5270, 25.1760, -26.7600



186.7600, -105.6770, -28.6610



212.1030, 25.7160, 29.5560

Complementary

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



210.5270, 25.1760, -26.7600



147.4730, -25.1760, 26.7600

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.



219.1710, 13.8410, 30.0090



210.5270, 25.1760, -26.7600



200.3140, -65.6540, -10.5980

Square

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



210.5270, 25.1760, -26.7600



187.6970, -101.3660, -35.2060



211.8300, -22.4680, 10.7160



206.7280, 39.4730, 17.0170

Rectangle

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



210.5270, 25.1760, -26.7600



200.1830, -41.4410, -36.4250



211.8300, -22.4680, 10.7160



215.3460, 20.7180, 32.0300

Sweetspot

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



210.5270, 25.1760, -26.7600



251.5090, 8.3920, -8.9200



163.8770, 49.2390, 16.2390



125.7630, 4.8610, -5.4990



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.



210.5270, 25.1760, -26.7600



240.4660, 35.1730, -37.2350



197.9690, 0.1440, -35.6640



108.4470, 2.9350, -3.6330



151.4840, 51.9570, -55.0750



40.1580, 13.5740, -14.7300

Inverse Universe

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



147.4730, -25.1760, 26.7600



152.5340, -35.1730, 37.2350



160.0310, -0.1440, 35.6640



100.2540, -3.5310, 3.4210



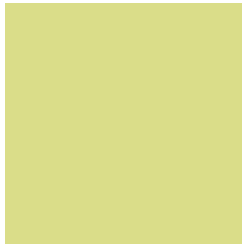
21.5160, -51.9570, 55.0750



5.8420, -13.5740, 14.7300

Previews

White Background



This preview shows how the YIQ color 210.5270, 25.1760, -26.7600 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 210.5270, 25.1760, -26.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

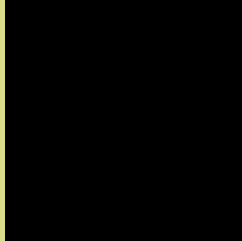
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

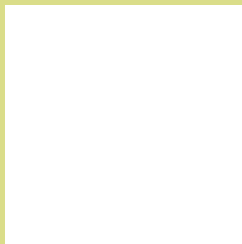
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.5270, 25.1760, -26.7600

Background



This preview shows how black text looks on a background with the YIQ color 210.5270, 25.1760, -26.7600.



This preview shows how white text looks on a background with the YIQ color 210.5270, 25.1760, -26.7600.

-26.7600.

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

210.5270, 25.1760, -26.7600

Protanopia

212.4470, 37.3250, -21.1630

Deuteranopia

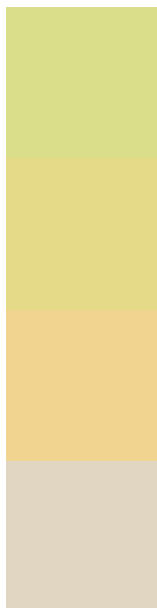
214.8540, 46.9050, -7.5510



Tritanopia

217.6190, 5.8670, 9.3150

Trichromacy



Original Color

210.5270, 25.1760, -26.7600

Protanomaly

211.9410, 32.8780, -23.1700

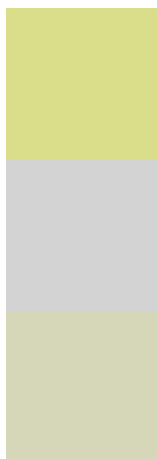
Deuteranomaly

213.3320, 39.3870, -14.4770

Tritanomaly

215.0090, 12.9760, -3.8880

Monochromacy



Original Color

210.5270, 25.1760, -26.7600

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.1670, 9.3550, -9.8530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.5270, 25.1760, -26.7600 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, 221, 137)` looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 137)  
}
```

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, 221, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 137) }
```

Border

The CSS property to change the border of an element to YIQ 210.5270, 25.1760, -26.7600 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, 221, 137) }
```


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

```
.border{ border-color:rgb(218, 221, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 221, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 137);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 210.5270, 25.1760, -26.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 137) }
```

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

```
.background{ background-color: rgb(218,  
221, 137) }
```

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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