

Converting Colors

YIQ(213.4420, 26.5530,
-35.1990)

Have a look what the booklet for
YIQ(213.4420, 26.5530, -35.1990)
contains.

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Color

**YIQ(213.4420, 26.5530,
-35.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E57C
RGB	217, 229, 124
RGB Percent	85%, 90%, 49%
CMY	0.1491, 0.1019, 0.5135
CMYK	0.05, 0.00, 0.46, 0.10
HSL	67°, 67%, 69%
HSV	67°, 46%, 90%
XYZ	60.2699, 72.2457, 29.8528
YIQ	213.4420, 26.5530, -35.1990

Conversions

Conversions Part 2

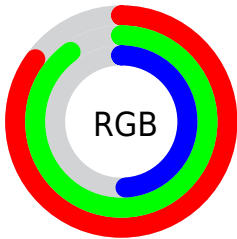
Format	Color
RYB	124, 229, 136
Decimal	14280060
CIELab	88.09, -19.09, 49.53
CIELCh	88, 53.082, 111.077
Yxy	72.2457, 0.3712, 0.4449
Android (android.graphics.Color)	4292470140 (0xFFD9E57C)
YUV	213.4420, -44.0949, 3.1204
Hunter-Lab	84.9975, -22.1751, 38.6744

Details

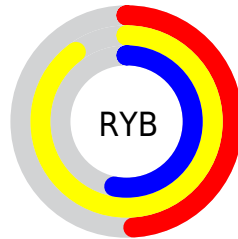
The YIQ color $213.4420, 26.5530, -35.1990$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $139.5580, -26.5530, 35.1990$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.2220, 24.7170, -23.9470$, and $158.1860, 24.3980, -34.6900$ is the 20% darker color. If you saturate the color by 10%, you get $209.9230, 32.1480, -42.9880$, and if you desaturate by 10%, it is $216.9610, 20.9580, -27.4100$.

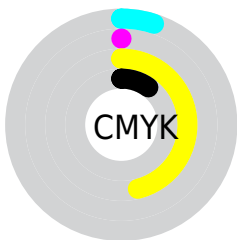
Distribution



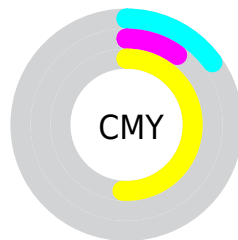
- Red (85%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (46%)
- Black (10%)



- Cyan (15%)
- Magenta (10%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4420, 26.5530, -35.1990 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 213.4420, 26.5530, -35.1990 by changing the saturation by 10% instead.

213.4420, 26.5530,
-35.1990

213.4420, 26.5530,
-35.1990

255.0000, -0.0000,
-0.0000

185.3710, 25.3150,
-34.7890

246.2220, 24.7170,
-23.9470

158.1860, 24.3980,
-34.6900

249.5280, 15.4080,
-14.9280

131.3000, 24.0770,
-34.3790

252.7200, 6.4200,
-6.2200

104.6590, 24.4440,
-35.5240

80.8590, 21.0050,
-33.7710

59.2960, 12.7050,
-26.5190

38.0210, 3.5340,

-20.0020

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 213.4420, 26.5530,
-35.1990

■ 213.4420, 26.5530,
-35.1990

■ 209.9230, 32.1480,
-42.9880

■ 216.9610, 20.9580,
-27.4100

■ 206.7030, 38.3390,
-50.5650


■ 220.1810, 14.7670,
-19.8330


■ 203.1840, 43.9340,
-58.3540


■ 223.7000, 9.1720,
-12.0440

■ 199.6650, 49.5290,
-66.1430

■ 226.9200, 2.9810,
-4.4670

 196.5590, 55.3990,
-73.4090


 230.4390, -2.6140,
3.3220

 195.1200, 58.0130,
-76.7310

 233.1600, -5.9620,
8.9340

 233.7580, -4.7700,
9.3580

 234.6550, -2.9820,
9.9940

 235.5520, -1.1940,
10.6300

Harmonies

Analogous

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



214.9560, 54.8850, -20.0190



213.4420, 26.5530, -35.1990



205.7920, -21.5870, -43.8190

Triad

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



213.4420, 26.5530, -35.1990



171.1240, -148.4050, -47.2610



210.2110, 25.5320, 32.8920

Complementary

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



213.4420, 26.5530, -35.1990



139.5580, -26.5530, 35.1990

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.



219.7800, 16.5000, 31.3800



213.4420, 26.5530, -35.1990



196.6600, -81.6080, -18.8240

Square

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



213.4420, 26.5530, -35.1990



174.0590, -149.7800, -49.8760



215.3850, -19.7170, 10.4190



204.3970, 41.9030, 17.0310

Rectangle

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



213.4420, 26.5530, -35.1990



198.2080, -60.9250, -46.7570



215.3850, -19.7170, 10.4190



213.9100, 19.2500, 36.6100

Sweetspot

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



213.4420, 26.5530, -35.1990



249.7000, 9.1720, -12.0440



161.8520, 59.5550, 16.5070



124.5950, 5.2740, -7.4780



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.



213.4420, 26.5530, -35.1990



234.2560, 35.4040, -46.9320



198.1930, -3.8430, -46.0110



113.0340, 2.6600, -4.1560



152.3150, 44.9430, -60.1210



43.3920, 12.7950, -17.1330

Inverse Universe

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



139.5580, -26.5530, 35.1990



135.7440, -35.4040, 46.9320



154.8070, 3.8430, 46.0110



104.9660, -2.6600, 4.1560



26.3860, -45.5390, 59.9090



7.6080, -12.7950, 17.1330

Previews

White Background



This preview shows how the YIQ color 213.4420, 26.5530, -35.1990 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 213.4420, 26.5530, -35.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

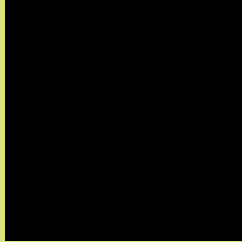
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 213.4420, 26.5530, -35.1990

Background



This preview shows how black text looks on a background with the YIQ color 213.4420, 26.5530, -35.1990.



This preview shows how white text looks on a background with the YIQ color 213.4420, 26.5530,

-35.1990.

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

213.4420, 26.5530, -35.1990

Protanopia

216.1780, 45.2120, -26.4360

Deuteranopia

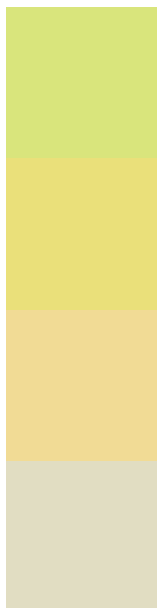
220.4450, 40.8070, -7.1690



Tritanopia

222.8250, 2.2910, 8.0430

Trichromacy



Original Color

213.4420, 26.5530, -35.1990

Protanomaly

215.3620, 38.7020, -29.6020

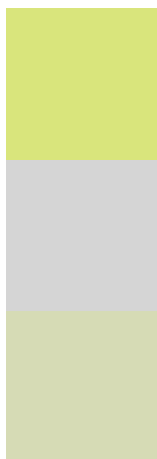
Deuteranomaly

217.5980, 35.5820, -17.1060

Tritanomaly

219.1180, 11.0510, -7.5490

Monochromacy



Original Color

213.4420, 26.5530, -35.1990

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.1730, 9.2180, -12.8780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4420, 26.5530, -35.1990 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, 229, 124)` looks like.

```
.text, #text, p{  
    color:rgb(217, 229, 124)  
}
```

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, 229, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 229, 124) }
```

Border

The CSS property to change the border of an element to YIQ 213.4420, 26.5530, -35.1990 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, 229, 124) }
```


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

```
.border{ border-color:rgb(217, 229, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 229, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 229, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 229, 124);  
box-shadow:4px 4px 4px 4px rgb(217, 229,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4420, 26.5530, -35.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 229, 124) }
```

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

```
.background{ background-color: rgb(217,  
229, 124) }
```

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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