

Converting Colors

YIQ(213.1620, 41.0000,
-60.2480)

Have a look what the booklet for
YIQ(213.1620, 41.0000, -60.2480)
contains.

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Color

**YIQ(213.1620, 41.0000,
-60.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F141
RGB	215, 241, 65
RGB Percent	84%, 95%, 25%
CMY	0.1570, 0.0548, 0.7448
CMYK	0.11, 0.00, 0.73, 0.05
HSL	69°, 86%, 60%
HSV	69°, 73%, 95%
XYZ	60.4262, 77.7398, 16.8331
YIQ	213.1620, 41.0000, -60.2480

Conversions

Conversions Part 2

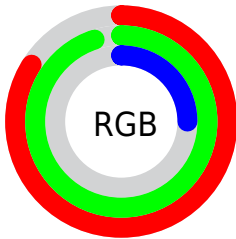
Format	Color
RYB	65, 241, 91
Decimal	14152001
CIELab	90.66, -29.81, 76.56
CIELCh	91, 82.158, 111.278
Yxy	77.7398, 0.3898, 0.5015
Android (android.graphics.Color)	4292342081 (0xFFD7F141)
YUV	213.1620, -73.0439, 1.6119
Hunter-Lab	88.1702, -31.9652, 50.3997

Details

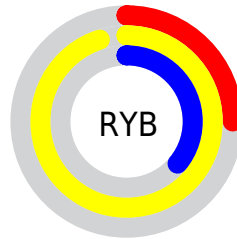
The YIQ color **213.1620, 41.0000, -60.2480** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **92.8380, -41.0000, 60.2480**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0660, 42.0510, -40.7410**, and **155.2390, 42.1010, -63.6830** is the 20% darker color. If you saturate the color by 10%, you get **209.2300, 46.3200, -68.5600**, and if you desaturate by 10%, it is **217.0940, 35.6800, -51.9360**.

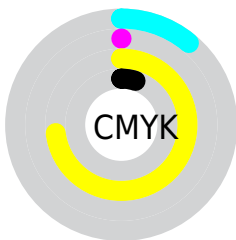
Distribution



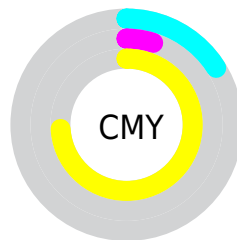
- Red (84%)
- Green (95%)
- Blue (25%)



- Red (25%)
- Yellow (95%)
- Blue (36%)



- Cyan (11%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)





- Cyan (16%)
- Magenta (5%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 213.1620, 41.0000, -60.2480 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 213.1620, 41.0000, -60.2480 by changing the saturation by 10% instead.


 213.1620, 41.0000,
-60.2480


 213.1620, 41.0000,
-60.2480


255.0000, -0.0000,
-0.0000


 183.5380, 42.6970,
-63.4710


 240.0660, 42.0510,
-40.7410


 155.2390, 42.1010,
-63.6830


 243.3720, 32.7420,
-31.7220

 131.0180, 32.8380,
-55.4980


 246.6780, 23.4330,
-22.7030

 107.0850, 22.7040,
-48.0480

 249.9840, 14.1240,
-13.6840

 84.0380, 12.8910,
-40.9090

 253.4040, 4.4940,
-4.3540

 60.9910, 3.0780,
-33.7700

 37.9220, -9.6690,

-28.5250

■ 22.3060, -10.4500,
-19.8740

■ 2.9350, -1.3750,
-2.6150

■ 213.1620, 41.0000,
-60.2480

■ 213.1620, 41.0000,
-60.2480

■ 209.2300, 46.3200,
-68.5600

■ 217.0940, 35.6800,
-51.9360

■ 205.5970, 52.2360,
-76.6600

■ 220.7270, 29.7640,
-43.8360

■ 202.7620, 55.9050,
-82.5830

■ 224.6590, 24.4440,
-35.5240

■ 228.2920, 18.5280,
-27.4240

■ 232.3380, 12.8870,
-18.8010

■ 235.9710, 6.9710,
-10.7010

■ 239.9030, 1.6510,
-2.3890

■ 243.4930, -2.7060,
4.9900

■ 244.3900, -0.9180,
5.6260

Harmonies

Analogous

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



209.6490, 73.9620, -40.8700



213.1620, 41.0000, -60.2480



198.5050, -40.7930, -70.2090

Triad

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



213.1620, 41.0000, -60.2480



178.7550, -151.9800, -54.0600



196.8870, 27.2250, 51.7770

Complementary

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



213.1620, 41.0000, -60.2480



92.8380, -41.0000, 60.2480

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.



212.7360, 19.8000, 37.6560



213.1620, 41.0000, -60.2480



172.2980, -148.9550, -48.3070

Square

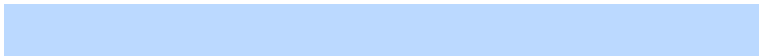
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.1620, 41.0000, -60.2480



178.7550, -151.9800, -54.0600



212.3620, -30.0780, 5.4580



189.0550, 52.0340, 26.1620

Rectangle

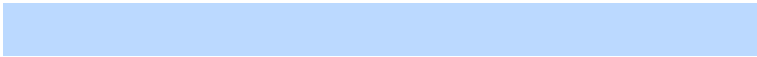
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



213.1620, 41.0000, -60.2480



169.6350, -126.3000, -78.9400



212.3620, -30.0780, 5.4580



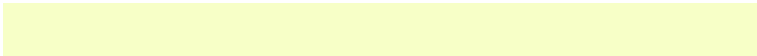
200.9960, 25.3000, 48.1160

Sweetspot

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



213.1620, 41.0000, -60.2480



246.2240, 13.2080, -19.1120



131.7120, 98.2960, 24.7600



122.6290, 7.9340, -11.6340



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.



213.1620, 41.0000, -60.2480



219.5970, 52.2360, -76.6600



187.7470, -9.6600, -78.2680



118.0340, 2.6600, -4.1560



154.6520, 42.3760, -63.1600



47.2240, 13.2080, -19.1120

Inverse Universe

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



92.8380, -41.0000, 60.2480



66.4030, -52.2360, 76.6600



118.5520, 10.2560, 78.4800



109.9660, -2.6600, 4.1560



29.0490, -42.9720, 62.9480



8.7760, -13.2080, 19.1120

Previews

White Background



This preview shows how the YIQ color 213.1620, 41.0000, -60.2480 looks on a white background.

Color Contrast Check

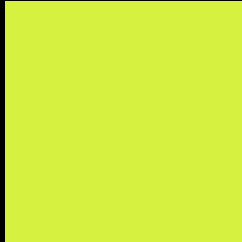
Large Text (above 18pt) WCAG AA × Fail

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 213.1620, 41.0000, -60.2480 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 213.1620, 41.0000, -60.2480

Background



This preview shows how black text looks on a background with the YIQ color 213.1620, 41.0000, -60.2480.



This preview shows how white text looks on a background with the YIQ color 213.1620, 41.0000,

-60.2480.

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

213.1620, 41.0000, -60.2480

Protanopia

218.2890, 66.1680, -42.7920

Deuteranopia

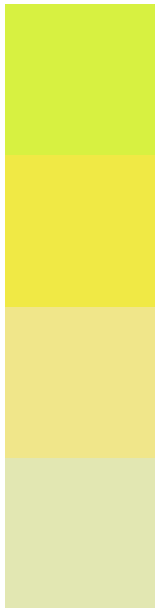
227.6660, 32.8750, -6.5890



Tritanopia

229.1450, -1.6060, 7.0820

Trichromacy



Original Color

213.1620, 41.0000, -60.2480

Protanomaly

216.3970, 56.8160, -49.5200

Deuteranomaly

222.5020, 35.4920, -26.4920

Tritanomaly

223.4630, 14.0330, -17.5430

Monochromacy



Original Color

213.1620, 41.0000, -60.2480

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0130, 15.1800, -21.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.1620, 41.0000, -60.2480 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(215, 241, 65)` looks like.

```
.text, #text, p{  
    color:rgb(215, 241, 65)  
}
```

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(215, 241, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 241, 65) }
```

Border

The CSS property to change the border of an element to YIQ 213.1620, 41.0000, -60.2480 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(215, 241, 65) }
```


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

```
.border{ border-color:rgb(215, 241, 65) }
```

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

Here you see how a box with a 4 pixel rgb(215, 241, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 241, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 241, 65);  
box-shadow:4px 4px 4px 4px rgb(215, 241,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 213.1620, 41.0000, -60.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 241, 65) }
```

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

```
.background{ background-color: rgb(215,  
241, 65) }
```

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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