

Converting Colors

YIQ(214.1420, 35.7250,
-47.2430)

Have a look what the booklet for
YIQ(214.1420, 35.7250, -47.2430)
contains.

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Color

**YIQ(214.1420, 35.7250,
-47.2430)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBEB5E |
| RGB | 219, 235, 94 |
| RGB Percent | 86%, 92%, 37% |
| CMY | 0.1413, 0.0784, 0.6311 |
| CMYK | 0.07, 0.00, 0.60, 0.08 |
| HSL | 67°, 78%, 65% |
| HSV | 67°, 60%, 92% |
| XYZ | 60.9372, 75.2847, 21.9244 |
| YIQ | 214.1420, 35.7250, -47.2430 |

Conversions

Conversions Part 2

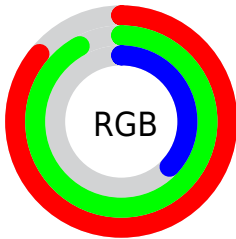
| Format | Color |
|-------------------------------------|--|
| RYB | 94, 235, 110 |
| Decimal | 14412638 |
| CIELab | 89.53, -23.71, 64.72 |
| CIELCh | 90, 68.925, 110.125 |
| Yxy | 75.2847, 0.3853, 0.4760 |
| Android (android.graphics.Color) | 4292602718 (0xFFDBEB5E) |
| YUV | 214.1420, -59.2300, 4.2605 |
| Hunter-Lab | 86.7668, -26.4795, 45.7552 |

Details

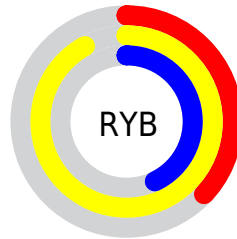
The YIQ color **214.1420, 35.7250, -47.2430** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **114.8580, -35.7250, 47.2430**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.9160, 34.0260, -32.9660**, and **157.2020, 35.4960, -48.6000** is the 20% darker color. If you saturate the color by 10%, you get **210.6230, 41.3200, -55.0320**, and if you desaturate by 10%, it is **217.7750, 29.8090, -39.1430**.

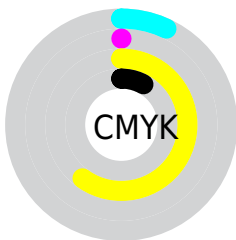
Distribution



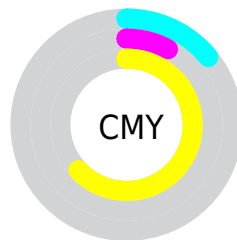
- Red (86%)
- Green (92%)
- Blue (37%)



- Red (37%)
- Yellow (92%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (60%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1420, 35.7250, -47.2430 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 214.1420, 35.7250, -47.2430 by changing the saturation by 10% instead.

214.1420, 35.7250,
-47.2430

214.1420, 35.7250,
-47.2430

255.0000, -0.0000,
-0.0000

185.8430, 35.1290,
-47.4550

242.9160, 34.0260,
-32.9660

157.2020, 35.4960,
-48.6000

246.2220, 24.7170,
-23.9470

129.5780, 37.1930,
-51.8230

249.4140, 15.7290,
-15.2390

105.9440, 27.6550,
-44.1610

252.7200, 6.4200,
-6.2200

83.4950, 19.0340,
-36.5980

61.0350, 8.9460,
-29.9820

39.4610, -0.8210,

-23.6770

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 214.1420, 35.7250,
-47.2430

■ 214.1420, 35.7250,
-47.2430

■ 210.6230, 41.3200,
-55.0320

■ 217.7750, 29.8090,
-39.1430

■ 207.2890, 47.8320,
-62.9200

■ 220.9950, 23.6180,
-31.5660

■ 203.7700, 53.4270,
-70.7090

■ 224.6280, 17.7020,
-23.4660

■ 200.1370, 59.3430,
-78.8090

■ 228.1470, 12.1070,
-15.6770

■ 231.4810, 5.5950,
-7.7890

■ 235.0000, 0.0000,
-0.0000

■ 238.1770, -4.6320,
6.8560

■ 238.7750, -3.4400,
7.2800

■ 239.6720, -1.6520,
7.9160

Harmonies

Analogous

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



212.1230, 64.2400, -29.8720



214.1420, 35.7250, -47.2430



203.9400, -28.4160, -57.7280

Triad

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



214.1420, 35.7250, -47.2430



176.9940, -151.1550, -52.4910



204.5350, 24.9800, 42.9000

Complementary

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



214.1420, 35.7250, -47.2430



114.8580, -35.7250, 47.2430

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.



216.8450, 17.8750, 33.9950



214.1420, 35.7250, -47.2430



169.3630, -147.5800, -45.6920

Square

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



214.1420, 35.7250, -47.2430



178.7550, -151.9800, -54.0600



213.2700, -26.8230, 7.0410



196.8970, 46.4870, 22.0630

Rectangle

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



214.1420, 35.7250, -47.2430



185.5250, -96.2710, -66.9830



213.2700, -26.8230, 7.0410



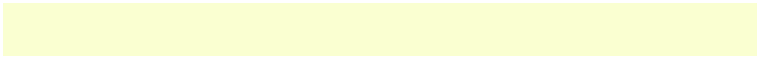
208.0400, 22.0000, 41.8400

Sweetspot

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



214.1420, 35.7250, -47.2430



248.2610, 11.7860, -15.3660



144.3770, 80.1860, 22.5700



123.4980, 6.9250, -9.8670



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.



214.1420, 35.7250, -47.2430



227.7450, 46.5480, -61.6760



193.5110, -5.3990, -61.8710



115.4470, 2.9350, -3.6330



154.0870, 45.5850, -60.7430



45.7510, 13.1620, -18.2780

Inverse Universe

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



114.8580, -35.7250, 47.2430



98.2550, -46.5480, 61.6760



135.4890, 5.3990, 61.8710



107.5530, -2.9350, 3.6330



26.9130, -45.5850, 60.7430



7.9500, -13.7580, 18.0660

Previews

White Background



This preview shows how the YIQ color 214.1420, 35.7250, -47.2430 looks on a white background.

Color Contrast Check

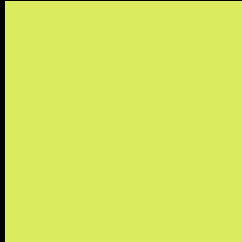
Large Text (above 18pt) WCAG AA × Fail

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 214.1420, 35.7250, -47.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

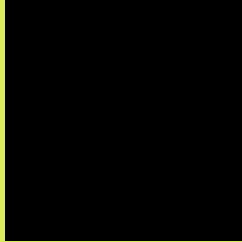
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.1420, 35.7250, -47.2430

Background



This preview shows how black text looks on a background with the YIQ color 214.1420, 35.7250, -47.2430.



This preview shows how white text looks on a background with the YIQ color 214.1420, 35.7250, -47.2430.

-47.2430.

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

214.1420, 35.7250, -47.2430

Protanopia

217.1990, 57.9140, -36.3740

Deuteranopia

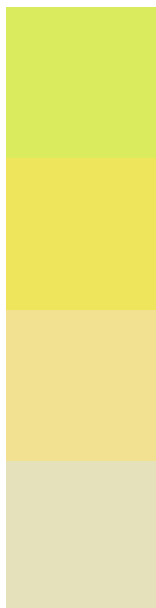
224.4060, 36.5430, -6.9850



Tritanopia

226.2380, 2.5660, 8.5660

Trichromacy



Original Color

214.1420, 35.7250, -47.2430

Protanomaly

216.3720, 49.9370, -40.4870

Deuteranomaly

220.8490, 36.1330, -21.5870

Tritanomaly

221.7500, 14.9030, -11.2810

Monochromacy



Original Color

214.1420, 35.7250, -47.2430

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.2780, 13.1160, -17.4440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1420, 35.7250, -47.2430 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(219, 235, 94)` looks like.

```
.text, #text, p{  
    color:rgb(219, 235, 94)  
}
```

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(219, 235, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 235, 94) }
```

Border

The CSS property to change the border of an element to YIQ 214.1420, 35.7250, -47.2430 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(219, 235, 94) }
```


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

```
.border{ border-color:rgb(219, 235, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 235, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 235, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 235, 94);  
box-shadow:4px 4px 4px 4px rgb(219, 235,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1420, 35.7250, -47.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 235, 94) }
```

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

```
.background{ background-color: rgb(219,  
235, 94) }
```

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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