

Converting Colors

YIQ(205.9640, 42.0980,
-47.1020)

Have a look what the booklet for
YIQ(205.9640, 42.0980, -47.1020)
contains.

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Color

**YIQ(205.9640, 42.0980,
-47.1020)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E14F
RGB	217, 225, 79
RGB Percent	85%, 88%, 31%
CMY	0.1491, 0.1176, 0.6899
CMYK	0.04, 0.00, 0.65, 0.12
HSL	63°, 71%, 60%
HSV	63°, 65%, 88%
XYZ	56.9468, 69.1650, 17.7595
YIQ	205.9640, 42.0980, -47.1020

Conversions

Conversions Part 2

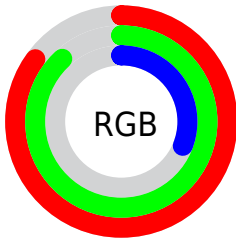
Format	Color
RYB	79, 225, 87
Decimal	14278991
CIELab	86.59, -20.66, 67.60
CIELCh	87, 70.685, 106.998
Yxy	69.1650, 0.3958, 0.4807
Android (android.graphics.Color)	4292469071 (0xFFD9E14F)
YUV	205.9640, -62.5933, 9.6786
Hunter-Lab	83.1655, -23.3133, 45.5548

Details

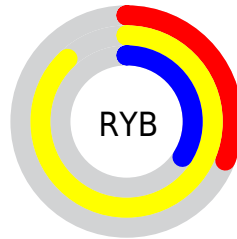
The YIQ color **205.9640, 42.0980, -47.1020** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **98.0360, -42.0980, 47.1020**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **241.3200, 38.5200, -37.3200**, and **148.2430, 45.4460, -52.7140** is the 20% darker color. If you saturate the color by 10%, you get **203.1570, 48.5640, -54.1560**, and if you desaturate by 10%, it is **208.8850, 35.3110, -39.7370**.

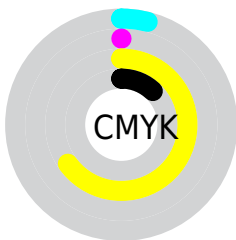
Distribution



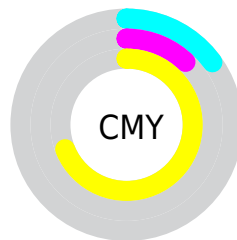
- Red (85%)
- Green (88%)
- Blue (31%)



- Red (31%)
- Yellow (88%)
- Blue (34%)



- Cyan (4%)
- Magenta (0%)
- Yellow (65%)
- Black (12%)



- Cyan (15%)
- Magenta (12%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.9640, 42.0980, -47.1020 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 205.9640, 42.0980, -47.1020 by changing the saturation by 10% instead.

■ 205.9640, 42.0980,
-47.1020

■ 205.9640, 42.0980,
-47.1020

■ 255.0000, -0.0000,
-0.0000

■ 177.5510, 41.8230,
-47.6250

■ 241.3200, 38.5200,
-37.3200

■ 148.2430, 45.4460,
-52.7140

■ 244.5120, 29.5320,
-28.6120

■ 123.6970, 38.4760,
-47.5400

■ 247.8180, 20.2230,
-19.5930

■ 100.0630, 28.9380,
-39.8780

■ 251.1240, 10.9140,
-10.5740

■ 77.3150, 19.7210,
-32.5270

■ 254.4300, 1.6050,
-1.5550

■ 55.7410, 9.9540,
-26.2220

■ 34.1670, 0.1870,

-19.9170

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 205.9640, 42.0980,
-47.1020

■ 205.9640, 42.0980,
-47.1020

■ 203.1570, 48.5640,
-54.1560

■ 208.8850, 35.3110,
-39.7370

■ 199.9370, 54.7550,
-61.7330

■ 211.6920, 28.8450,
-32.6830

■ 197.1300, 61.2210,
-68.7870

■ 214.9120, 22.6540,
-25.1060

■ 195.7620, 65.0730,
-72.5190

■ 217.7190, 16.1880,
-18.0520

■ 220.6400, 9.4010,
-10.6870

■ 223.4470, 2.9350,
-3.6330

■ 226.6670, -3.2560,
3.9440

■ 229.0180, -8.4380,
9.7540

■ 229.3170, -7.8420,
9.9660

Harmonies

Analogous

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



204.5260, 70.4750, -27.2290



205.9640, 42.0980, -47.1020



196.2350, -21.9970, -58.4210

Triad

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



205.9640, 42.0980, -47.1020



172.8850, -149.2300, -48.8300



199.1380, 27.7760, 47.2960

Complementary

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



205.9640, 42.0980, -47.1020



98.0360, -42.0980, 47.1020

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



205.9640, 42.0980, -47.1020



165.2540, -145.6550, -42.0310

Square

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



205.9640, 42.0980, -47.1020



175.7060, -150.2840, -51.7560



202.8600, -40.3480, 4.3560



189.6250, 50.4290, 27.7170

Rectangle

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



205.9640, 42.0980, -47.1020



178.1190, -89.2560, -67.4640



202.8600, -40.3480, 4.3560



203.3440, 24.2000, 46.0240

Sweetspot

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



205.9640, 42.0980, -47.1020



248.6310, 13.6200, -15.5640



126.7630, 85.0910, 27.2910



123.9820, 8.4380, -9.7540



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.



205.9640, 42.0980, -47.1020



229.0250, 57.3230, -64.2210



184.4360, -0.8140, -62.3660



110.7460, 3.5310, -3.4210



152.9460, 50.5360, -56.8560



41.9300, 14.2160, -15.3520

Inverse Universe

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



98.0360, -42.0980, 47.1020



81.9750, -57.3230, 64.2210



119.5640, 0.8140, 62.3660



102.5530, -2.9350, 3.6330



23.0540, -50.5360, 56.8560



6.3690, -13.6200, 15.5640

Previews

White Background



This preview shows how the YIQ color 205.9640, 42.0980, -47.1020 looks on a white background.

Color Contrast Check

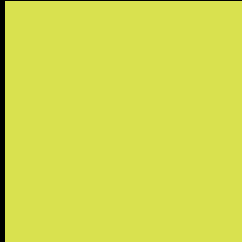
Large Text (above 18pt) WCAG AA × Fail

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 205.9640, 42.0980, -47.1020 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 205.9640, 42.0980, -47.1020

Background



This preview shows how black text looks on a background with the YIQ color 205.9640, 42.0980, -47.1020.



This preview shows how white text looks on a background with the YIQ color 205.9640, 42.0980,

-47.1020.

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

205.9640, 42.0980, -47.1020

Protanopia

208.5150, 59.8400, -38.2400

Deuteranopia

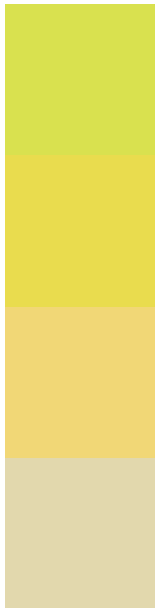
215.0020, 49.2440, -11.3960



Tritanopia

218.8040, 6.7840, 9.2160

Trichromacy



Original Color

205.9640, 42.0980, -47.1020

Protanomaly

207.6990, 53.3300, -41.4060

Deuteranomaly

211.7160, 46.6330, -24.6550

Tritanomaly

214.0880, 19.7630, -11.2530

Monochromacy



Original Color

205.9640, 42.0980, -47.1020

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.0610, 15.2250, -17.1190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.9640, 42.0980, -47.1020 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, 225, 79)` looks like.

```
.text, #text, p{  
    color:rgb(217, 225, 79)  
}
```

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, 225, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 225, 79) }
```

Border

The CSS property to change the border of an element to YIQ 205.9640, 42.0980, -47.1020 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, 225, 79) }
```


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

```
.border{ border-color:rgb(217, 225, 79) }
```

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

Here you see how a box with a 4 pixel rgb(217, 225, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 225, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 225, 79);  
box-shadow:4px 4px 4px 4px rgb(217, 225,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 205.9640, 42.0980, -47.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 225, 79) }
```

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

```
.background{ background-color: rgb(217,  
225, 79) }
```

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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