

Converting Colors

YIQ(197.4020, 41.2250,
-36.7830)

Have a look what the booklet for
YIQ(197.4020, 41.2250, -36.7830)
contains.

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Color

**YIQ(197.4020, 41.2250,
-36.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D259
RGB	214, 210, 89
RGB Percent	84%, 82%, 35%
CMY	0.1609, 0.1765, 0.6507
CMYK	0.00, 0.02, 0.58, 0.16
HSL	58°, 60%, 59%
HSV	58°, 58%, 84%
XYZ	52.5787, 61.1082, 18.4895
YIQ	197.4020, 41.2250, -36.7830

Conversions

Conversions Part 2

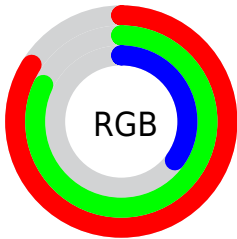
Format	Color
R _Y B	93, 214, 89
Decimal	14078553
CIE Lab	82.44, -13.85, 58.97
CIE LCh	82, 60.571, 103.215
Yxy	61.1082, 0.3978, 0.4623
Android (android.graphics.Color)	4292268633 (0xFFD6D259)
YUV	197.4020, -53.4422, 14.5564
Hunter-Lab	78.1717, -16.7405, 40.6967

Details

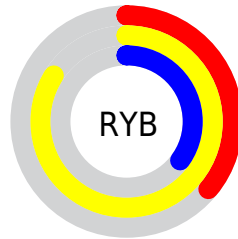
The YIQ color **197.4020, 41.2250, -36.7830** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **105.5980, -41.2250, 36.7830**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.2320, 35.9520, -34.8320**, and **141.9780, 39.4830, -38.2530** is the 20% darker color. If you saturate the color by 10%, you get **194.4210, 48.2410, -42.7910**, and if you desaturate by 10%, it is **200.3830, 34.2090, -30.7750**.

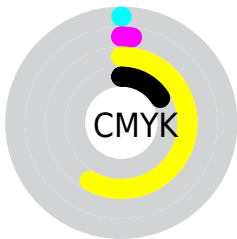
Distribution



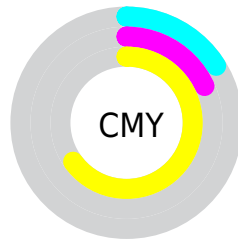
- Red (84%)
- Green (82%)
- Blue (35%)



- Red (36%)
- Yellow (84%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (58%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.4020, 41.2250, -36.7830 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 197.4020, 41.2250, -36.7830 by changing the saturation by 10% instead.

■ 197.4020, 41.2250,
-36.7830

■ 197.4020, 41.2250,
-36.7830

■ 255.0000, -0.0000,
-0.0000

■ 169.2170, 40.3080,
-36.6840

■ 242.2320, 35.9520,
-34.8320

■ 141.9780, 39.4830,
-38.2530

■ 245.4240, 26.9640,
-26.1240

■ 114.8810, 41.1340,
-40.6420

■ 248.6160, 17.9760,
-17.4160

■ 91.8340, 31.3210,
-33.5030

■ 251.9220, 8.6670,
-8.3970

■ 69.9720, 22.4250,
-26.4630

■ 48.6970, 13.2540,
-19.9460

■ 28.8950, 4.1290,

-14.2630

■ 9.3920, -4.4000,
-8.3680

■ 0.0000, 0.0000,
0.0000

■ 197.4020, 41.2250,
-36.7830

■ 197.4020, 41.2250,
-36.7830

■ 194.4210, 48.2410,
-42.7910

■ 200.3830, 34.2090,
-30.7750

■ 191.9130, 55.3030,
-49.6330

■ 202.8910, 27.1470,
-23.9330

■ 188.9320, 62.3190,
-55.6410

■ 205.8720, 20.1310,
-17.9250

■ 185.8370, 69.6560,
-61.9600

■ 208.9670, 12.7940,
-11.6060

■ 185.4950, 70.6190,
-62.8930

■ 211.3610, 6.0530,
-5.0750

■ 214.3420, -0.9630,
0.9330

■ 217.4370, -8.3000,
7.2520

■ 219.2610,
-13.4360, 12.2280

■ 219.8480,
-13.7110, 11.7050

Harmonies

Analogous

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



199.0780, 69.2810, -16.5990



197.4020, 41.2250, -36.7830



190.2030, -9.8030, -48.1310

Triad

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



197.4020, 41.2250, -36.7830



164.0800, -145.1050, -40.9850



197.9980, 30.9860, 44.1860

Complementary

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



197.4020, 41.2250, -36.7830



105.5980, -41.2250, 36.7830

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.



207.0880, 12.8770, 36.4690



197.4020, 41.2250, -36.7830



158.2100, -142.3550, -35.7550

Square

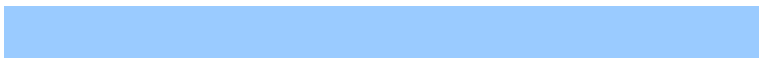
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



197.4020, 41.2250, -36.7830



163.4640, -137.8590, -51.1630



194.2770, -45.8960, 5.7840



189.1520, 50.3830, 28.5510

Rectangle

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



197.4020, 41.2250, -36.7830



180.7430, -55.4220, -52.8780



194.2770, -45.8960, 5.7840



202.7570, 24.4750, 46.5470

Sweetspot

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



197.4020, 41.2250, -36.7830



249.1690, 15.0410, -13.7830



126.8310, 73.2160, 27.7440



124.1070, 9.5840, -8.4960



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.



197.4020, 41.2250, -36.7830



231.1860, 58.7880, -52.2200



182.4080, 5.5570, -51.1710



105.7460, 3.5310, -3.4210



147.9840, 56.5410, -50.0430



37.5110, 14.0780, -12.8500

Inverse Universe

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



105.5980, -41.2250, 36.7830



100.2270, -58.5130, 52.7430



120.5920, -5.5570, 51.1710



97.8410, -3.8060, 2.8980



22.4290, -56.2660, 50.5660



5.4890, -14.0780, 12.8500

Previews

White Background



This preview shows how the YIQ color 197.4020, 41.2250, -36.7830 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 197.4020, 41.2250, -36.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

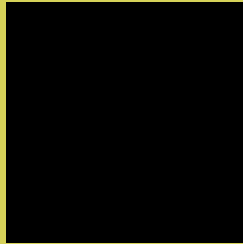
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 197.4020, 41.2250, -36.7830

Background



This preview shows how black text looks on a background with the YIQ color 197.4020, 41.2250, -36.7830.



This preview shows how white text looks on a background with the YIQ color 197.4020, 41.2250, -36.7830.

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

197.4020, 41.2250, -36.7830

Protanopia

198.5390, 51.2650, -31.5110

Deuteranopia

201.0130, 67.9060, -19.2140



Tritanopia

207.4950, 12.1480, 11.1240

Trichromacy



Original Color

197.4020, 41.2250, -36.7830

Protanomaly

198.2180, 47.7350, -33.6170

Deuteranomaly

199.3490, 57.9120, -25.3200

Tritanomaly

204.1040, 22.8340, -6.3340

Monochromacy



Original Color

197.4020, 41.2250, -36.7830

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

197.2830, 14.7200, -13.4720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.4020, 41.2250, -36.7830 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(214, 210, 89)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 89)  
}
```

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(214, 210, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 89) }
```

Border

The CSS property to change the border of an element to YIQ 197.4020, 41.2250, -36.7830 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(214, 210, 89) }
```


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

```
.border{ border-color:rgb(214, 210, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 210, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 89);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 197.4020, 41.2250, -36.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 210, 89) }
```

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

```
.background{ background-color: rgb(214,  
210, 89) }
```

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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