

Converting Colors

YIQ(192.4340, 21.0040,
-28.2440)

Have a look what the booklet for
YIQ(192.4340, 21.0040, -28.2440)
contains.

YIQ(192.4340, 21.0040, -28.2440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(192.4340, 21.0040,
-28.2440)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CD79
RGB	195, 205, 121
RGB Percent	76%, 80%, 47%
CMY	0.2354, 0.1960, 0.5253
CMYK	0.05, 0.00, 0.41, 0.20
HSL	67°, 46%, 64%
HSV	67°, 41%, 80%
XYZ	47.7865, 56.6455, 26.5164
YIQ	192.4340, 21.0040, -28.2440

Conversions

Conversions Part 2

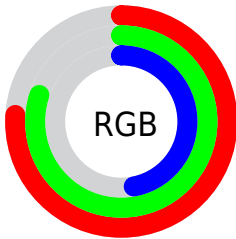
Format	Color
RYB	121, 205, 131
Decimal	12832121
CIELab	79.98, -16.13, 40.59
CIELCh	80, 43.672, 111.668
Yxy	56.6455, 0.3649, 0.4326
Android (android.graphics.Color)	4291022201 (0xFFC3CD79)
YUV	192.4340, -35.2170, 2.2504
Hunter-Lab	75.2632, -18.3765, 31.7954

Details

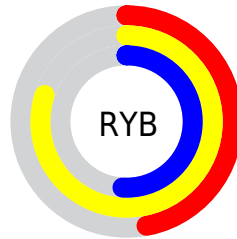
The YIQ color $192.4340, 21.0040, -28.2440$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $133.5660, -21.0040, 28.2440$, and the grayscale version is $193.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.2820, 24.4880, -25.3040$, and $138.4770, 19.4450, -27.5230$ is the 20% darker color. If you saturate the color by 10%, you get $189.5560, 26.2320, -34.8880$, and if you desaturate by 10%, it is $195.4260, 15.4550, -21.2890$.

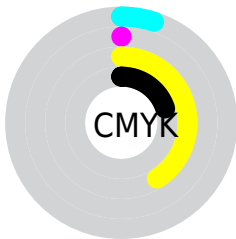
Distribution



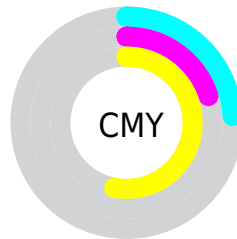
- Red (76%)
- Green (80%)
- Blue (47%)



- Red (47%)
- Yellow (80%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (41%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.4340, 21.0040, -28.2440 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 192.4340, 21.0040, -28.2440 by changing the saturation by 10% instead.

■ 192.4340, 21.0040,
-28.2440

■ 192.4340, 21.0040,
-28.2440

■ 255.0000, -0.0000,
-0.0000

■ 165.2490, 20.0870,
-28.1450

■ 245.2820, 24.4880,
-25.3040

■ 138.4770, 19.4450,
-27.5230

■ 248.9580, 17.0130,
-16.4830

■ 112.4060, 18.2070,
-27.1130

■ 252.2640, 7.7040,
-7.4640

■ 87.2920, 18.5280,
-27.4240

■ 63.4490, 16.6480,
-26.3920

■ 42.7720, 8.6690,
-19.4510

■ 22.6710, -1.0520,

-13.9800

■ 0.0000, 0.0000,
0.0000

■ 192.4340, 21.0040,
-28.2440

■ 192.4340, 21.0040,
-28.2440

■ 189.5560, 26.2320,
-34.8880

■ 195.4260, 15.4550,
-21.2890

■ 186.2650, 31.1850,
-42.0550

■ 198.6030, 10.8230,
-14.4330

■ 183.3870, 36.4130,
-48.6990

■ 201.5950, 5.2740,
-7.4780

■ 180.0960, 41.3660,
-55.8660

■ 204.7720, 0.6420,
-0.6220

■ 177.2180, 46.5940,
-62.5100

■ 207.7640, -4.9070,
6.3330

■ 174.4540, 51.5010,
-68.8430

■ 210.9410, -9.5390,
13.1890

■ 212.7930,
-11.8780, 17.0340

■ 213.6900,
-10.0900, 17.6700

■ 214.2880, -8.8980,
18.0940

Harmonies

Analogous

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



196.3070, 49.7030, -14.2090



192.4340, 21.0040, -28.2440



186.5140, -17.5080, -35.1400

Triad

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



192.4340, 21.0040, -28.2440



163.9460, -123.6960, -26.9920



198.3280, 38.3240, 32.3400

Complementary

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



192.4340, 21.0040, -28.2440



133.5660, -21.0040, 28.2440

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.



203.7460, 13.8400, 35.5360



192.4340, 21.0040, -28.2440



184.9750, -68.7730, -3.6290

Square

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



192.4340, 21.0040, -28.2440



157.7090, -128.0030, -42.5550



197.3880, -23.7990, 18.3210



194.2410, 51.2100, 19.0660

Rectangle

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



192.4340, 21.0040, -28.2440



180.9480, -48.0890, -37.0890



197.3880, -23.7990, 18.3210



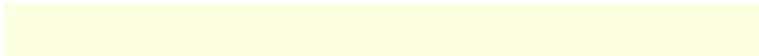
201.6850, 33.0050, 35.1250

Sweetspot

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



192.4340, 21.0040, -28.2440



250.2700, 7.5670, -10.4890



151.9860, 47.3140, 12.5780



125.0510, 3.9900, -6.2340



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.



192.4340, 21.0040, -28.2440



236.2650, 31.1850, -42.0550



179.8760, -4.0280, -37.1480



100.5610, 2.6140, -3.3220



141.0960, 41.3660, -55.8660



32.4720, 9.8140, -12.6660

Inverse Universe

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



133.5660, -21.0040, 28.2440



148.7350, -31.1850, 42.0550



146.1240, 4.0280, 37.1480



93.4390, -2.6140, 3.3220



24.9040, -41.3660, 55.8660



5.8270, -9.2180, 12.8780

Previews

White Background



This preview shows how the YIQ color 192.4340, 21.0040, -28.2440 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 192.4340, 21.0040, -28.2440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

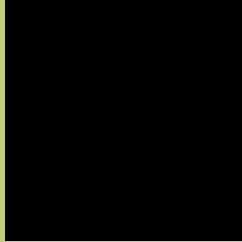
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 192.4340, 21.0040, -28.2440

Background



This preview shows how black text looks on a background with the YIQ color 192.4340, 21.0040, -28.2440.



This preview shows how white text looks on a background with the YIQ color 192.4340, 21.0040,

-28.2440.

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

192.4340, 21.0040, -28.2440

Protanopia

194.5610, 37.0040, -20.8520

Deuteranopia

196.6540, 50.3440, -9.3040



Tritanopia

199.4120, 2.0160, 7.5200

Trichromacy



Original Color

192.4340, 21.0040, -28.2440

Protanomaly

194.0440, 31.0900, -23.8060

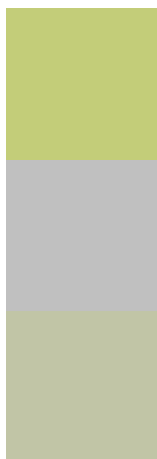
Deuteranomaly

195.2780, 39.4790, -16.1450

Tritanomaly

196.9160, 8.8040, -5.3720

Monochromacy



Original Color

192.4340, 21.0040, -28.2440

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

192.2700, 7.5670, -10.4890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.4340, 21.0040, -28.2440 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(195, 205, 121)` looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 121)  
}
```

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(195, 205, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 121) }
```

Border

The CSS property to change the border of an element to YIQ 192.4340, 21.0040, -28.2440 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(195, 205, 121) }
```


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

```
.border{ border-color:rgb(195, 205, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 205, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 205, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 205, 121); box-shadow:4px 4px 4px 4px rgb(195, 205, 121) }
```

Background

The CSS property to change the background color of an element to YIQ 192.4340, 21.0040, -28.2440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 121) }
```

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

```
.background{ background-color: rgb(195,  
205, 121) }
```

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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