

Converting Colors

YIQ(201.5280, 22.2940,
-62.6500)

Have a look what the booklet for
YIQ(201.5280, 22.2940, -62.6500)
contains.

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Color

**YIQ(201.5280, 22.2940,
-62.6500)**

Conversions

Conversions Part 1

Format	Color
Hex	B8EC46
RGB	184, 236, 70
RGB Percent	72%, 93%, 27%
CMY	0.2787, 0.0744, 0.7252
CMYK	0.22, 0.00, 0.70, 0.07
HSL	79°, 81%, 60%
HSV	79°, 70%, 93%
XYZ	50.8622, 70.6293, 16.7556
YIQ	201.5280, 22.2940, -62.6500

Conversions

Conversions Part 2

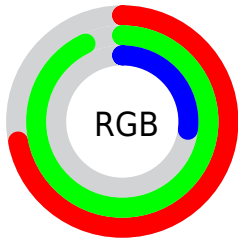
Format	Color
RYB	70, 236, 122
Decimal	12119110
CIELab	87.30, -39.34, 70.94
CIELCh	87, 81.116, 119.015
Yxy	70.6293, 0.3679, 0.5109
Android (android.graphics.Color)	4290309190 (0xFFB8EC46)
YUV	201.5280, -64.8433, -15.3721
Hunter-Lab	84.0413, -39.0432, 47.0080

Details

The YIQ color **201.5280, 22.2940, -62.6500** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **104.4720, -22.2940, 62.6500**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9340, 33.6150, -42.0410**, and **143.3340, 25.5960, -67.4280** is the 20% darker color. If you saturate the color by 10%, you get **196.6990, 25.8260, -71.5980**, and if you desaturate by 10%, it is **206.3570, 18.7620, -53.7020**.

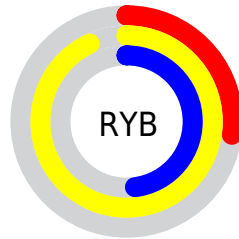
Distribution



Red (72%)

Green (93%)

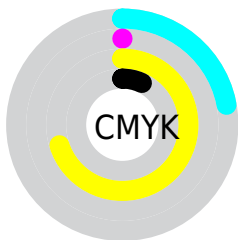
Blue (27%)



Red (27%)

Yellow (93%)

Blue (48%)

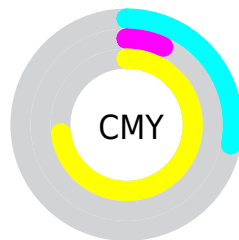


Cyan (22%)

Magenta (0%)

Yellow (70%)

Black (7%)



Cyan (28%)

Magenta (7%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.5280, 22.2940, -62.6500 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 201.5280, 22.2940, -62.6500 by changing the saturation by 10% instead.

201.5280, 22.2940,
-62.6500

201.5280, 22.2940,
-62.6500

255.0000, -0.0000,
-0.0000

172.6590, 23.3030,
-64.4170

236.9340, 33.6150,
-42.0410

143.3340, 25.5960,
-67.4280

243.7140, 31.7790,
-30.7890

119.1130, 16.3330,
-59.2430

247.0200, 22.4700,
-21.7700

95.1800, 6.1990,
-51.7930

250.3260, 13.1610,
-12.7510

71.2470, -3.9350,
-44.3430

253.6320, 3.8520,
-3.7320

45.1990, -21.1750,
-40.2710

31.1110, -14.5750,

-27.7190

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 201.5280, 22.2940,
-62.6500

■ 201.5280, 22.2940,
-62.6500

■ 196.6990, 25.8260,
-71.5980

■ 206.3570, 18.7620,
-53.7020

■ 191.6850, 28.4410,
-80.4470

■ 211.3710, 16.1470,
-44.8530

■ 186.9700, 31.6520,
-89.0840

■ 216.2000, 12.6150,
-35.9050

■ 221.2140, 10.0000,
-27.0560

■ 226.0430, 6.4680,
-18.1080

■ 230.8720, 2.9360,
-9.1600

■ 235.8860, 0.3210,
-0.3110

■ 240.2590, -1.9270,
7.3930

■ 242.6510, 2.8410,
9.0890

Harmonies

Analogous

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



206.8790, 79.0060, -44.1780



201.5280, 22.2940, -62.6500



180.3900, -74.2620, -74.8860

Triad

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



201.5280, 22.2940, -62.6500



174.0590, -149.7800, -49.8760



187.0100, 39.8800, 48.2000

Complementary

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



201.5280, 22.2940, -62.6500



104.4720, -22.2940, 62.6500

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.



202.7570, 24.4750, 46.5470



201.5280, 22.2940, -62.6500



162.9060, -144.5550, -39.9390

Square

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



201.5280, 22.2940, -62.6500



178.7550, -151.9800, -54.0600



209.8690, -9.0360, 20.5960



184.2160, 61.5260, 19.3340

Rectangle

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



201.5280, 22.2940, -62.6500



170.4160, -129.8770, -74.6850



209.8690, -9.0360, 20.5960



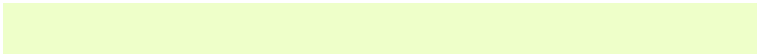
192.3220, 30.4340, 54.1940

Sweetspot

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



201.5280, 22.2940, -62.6500



243.7610, 7.2020, -20.3980



148.9840, 85.1860, 9.0420



121.0630, 3.7160, -12.2840



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.



201.5280, 22.2940, -62.6500



210.5710, 28.7620, -80.7580



177.3090, -25.9820, -79.8220



114.8490, 1.7430, -4.0570



143.3230, 24.1290, -68.3750



42.7610, 7.2020, -20.3980

Inverse Universe

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



104.4720, -22.2940, 62.6500



85.4290, -28.7620, 80.7580



128.6910, 25.9820, 79.8220



108.1510, -1.7430, 4.0570



37.6770, -24.1290, 68.3750



11.2390, -7.2020, 20.3980

Previews

White Background



This preview shows how the YIQ color 201.5280, 22.2940, -62.6500 looks on a white background.

Color Contrast Check

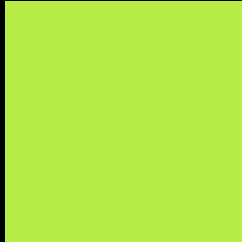
Large Text (above 18pt) WCAG AA × Fail

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 201.5280, 22.2940, -62.6500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

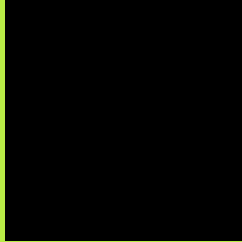
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.5280, 22.2940, -62.6500

Background



This preview shows how black text looks on a background with the YIQ color 201.5280, 22.2940, -62.6500.



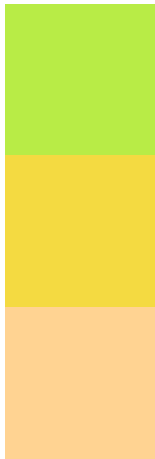
This preview shows how white text looks on a background with the YIQ color 201.5280, 22.2940,

-62.6500.

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

201.5280, 22.2940, -62.6500

Protanopia

208.3320, 64.6090, -42.0710

Deuteranopia

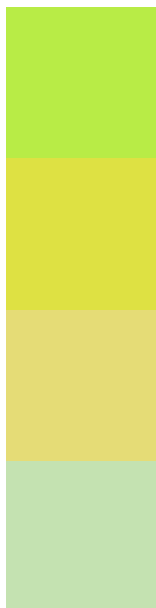
216.7460, 47.0890, -10.8870



Tritanopia

216.9690, -15.9100, 1.9940

Trichromacy



Original Color

201.5280, 22.2940, -62.6500

Protanomaly

206.0910, 48.9300, -49.7740

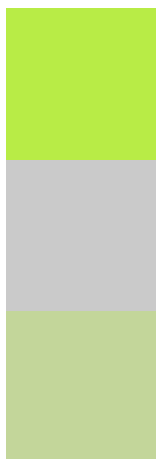
Deuteranomaly

211.0630, 38.1060, -29.8140

Tritanomaly

211.4440, -2.1510, -21.5990

Monochromacy



Original Color

201.5280, 22.2940, -62.6500

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

201.4790, 7.9360, -22.6880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.5280, 22.2940, -62.6500 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(184, 236, 70)` looks like.

```
.text, #text, p{  
    color:rgb(184, 236, 70)  
}
```

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(184, 236, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 236, 70) }
```

Border

The CSS property to change the border of an element to YIQ 201.5280, 22.2940, -62.6500 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(184, 236, 70) }
```


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

```
.border{ border-color:rgb(184, 236, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 236, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 236, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 236, 70);  
box-shadow:4px 4px 4px 4px rgb(184, 236,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 201.5280, 22.2940, -62.6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 236, 70) }
```

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

```
.background{ background-color: rgb(184,  
236, 70) }
```

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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