

Converting Colors

YIQ(204.0440, 20.7810,
-62.7630)

Have a look what the booklet for
YIQ(204.0440, 20.7810, -62.7630)
contains.

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Color

**YIQ(204.0440, 20.7810,
-62.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	B9EF4A
RGB	185, 239, 74
RGB Percent	73%, 94%, 29%
CMY	0.2747, 0.0626, 0.7096
CMYK	0.23, 0.00, 0.69, 0.06
HSL	80°, 84%, 61%
HSV	80°, 69%, 94%
XYZ	52.1042, 72.5481, 17.7451
YIQ	204.0440, 20.7810, -62.7630

Conversions

Conversions Part 2

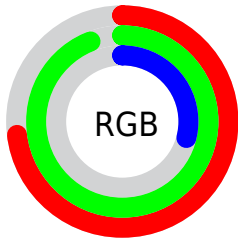
Format	Color
RYB	74, 239, 128
Decimal	12185418
CIELab	88.23, -40.06, 70.46
CIELCh	88, 81.058, 119.621
Yxy	72.5481, 0.3659, 0.5095
Android (android.graphics.Color)	4290375498 (0xFFB9EF4A)
YUV	204.0440, -64.1117, -16.7016
Hunter-Lab	85.1752, -39.8628, 47.2704

Details

The YIQ color **204.0440, 20.7810, -62.7630** 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 **108.9560, -20.7810, 62.7630**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **237.5750, 33.2480, -40.8960**, and **145.3940, 25.3670, -68.7850** is the 20% darker color. If you saturate the color by 10%, you get **198.9160, 23.7170, -71.9230**, and if you desaturate by 10%, it is **209.1720, 17.8450, -53.6030**.

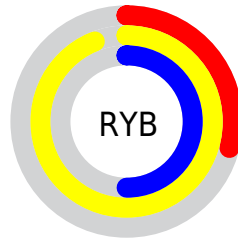
Distribution



Red (73%)

Green (94%)

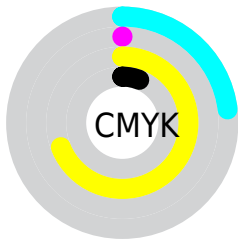
Blue (29%)



Red (29%)

Yellow (94%)

Blue (50%)

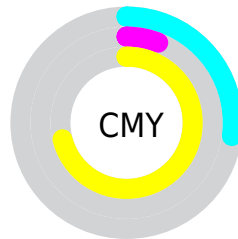


Cyan (23%)

Magenta (0%)

Yellow (69%)

Black (6%)



Cyan (27%)

Magenta (6%)

Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.0440, 20.7810, -62.7630 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 204.0440, 20.7810, -62.7630 by changing the saturation by 10% instead.


 204.0440, 20.7810,
-62.7630


 204.0440, 20.7810,
-62.7630


255.0000, -0.0000,
-0.0000


 175.2890, 21.4690,
-64.2190


 237.5750, 33.2480,
-40.8960


 145.3940, 25.3670,
-68.7850


 244.1700, 30.4950,
-29.5450


 121.1730, 16.1040,
-60.6000


 247.3620, 21.5070,
-20.8370

 96.6530, 6.2450,
-52.6270

 250.7820, 11.8770,
-11.5070

 73.3070, -4.1640,
-45.7000

 254.0880, 2.5680,
-2.4880

 46.3730, -21.7250,
-41.3170

 32.8720, -15.4000,

-29.2880

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 204.0440, 20.7810,
-62.7630

■ 204.0440, 20.7810,
-62.7630

■ 198.9160, 23.7170,
-71.9230

■ 209.1720, 17.8450,
-53.6030

■ 193.7880, 26.6530,
-81.0830

■ 214.3000, 14.9090,
-44.4430


■ 188.6600, 29.5890,
-90.2430

■ 219.1290, 11.3770,
-35.4950


■ 188.4320, 30.2310,
-90.8650

■ 224.2570, 8.4410,
-26.3350

 229.3850, 5.5050,
-17.1750

 234.3990, 2.8900,
-8.3260

 239.5270, -0.0460,
0.8340

 243.5150, 0.2280,
6.8840

 245.6080, 4.4000,
8.3680

Harmonies

Analogous

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



208.9820, 77.2180, -44.8140



204.0440, 20.7810, -62.7630



182.3080, -76.9670, -75.4230

Triad

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



204.0440, 20.7810, -62.7630



175.2330, -150.3300, -50.9220



188.8850, 38.7340, 46.9420

Complementary

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



204.0440, 20.7810, -62.7630



108.9560, -20.7810, 62.7630

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.



203.9310, 23.9250, 45.5010



204.0440, 20.7810, -62.7630



164.6670, -145.3800, -41.5080

Square

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



204.0440, 20.7810, -62.7630



178.7550, -151.9800, -54.0600



212.5380, -6.6060, 20.6100



186.0910, 60.3800, 18.0760

Rectangle

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



204.0440, 20.7810, -62.7630



171.4590, -131.4360, -73.9640



212.5380, -6.6060, 20.6100



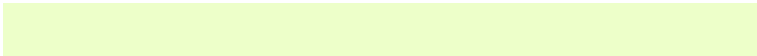
193.6100, 29.5630, 53.4590

Sweetspot

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



204.0440, 20.7810, -62.7630



243.4620, 6.6060, -20.6100



153.8590, 84.0400, 7.7840



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.



204.0440, 20.7810, -62.7630



210.2010, 26.9280, -80.5600



179.8250, -27.4950, -79.9350



117.4360, 1.4680, -4.5800



144.7850, 22.7080, -70.1560



44.2340, 7.2480, -21.2320

Inverse Universe

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



108.9560, -20.7810, 62.7630



88.0980, -26.3320, 80.7720



133.1750, 27.4950, 79.9350



110.5640, -1.4680, 4.5800



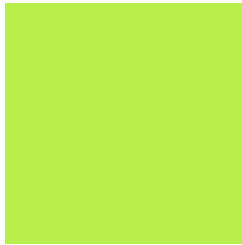
38.9160, -23.3040, 69.9440



11.7660, -7.2480, 21.2320

Previews

White Background



This preview shows how the YIQ color 204.0440, 20.7810, -62.7630 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 204.0440, 20.7810, -62.7630 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 204.0440, 20.7810, -62.7630

Background



This preview shows how black text looks on a background with the YIQ color 204.0440, 20.7810, -62.7630.



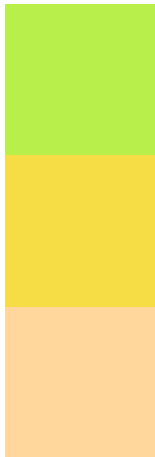
This preview shows how white text looks on a background with the YIQ color 204.0440, 20.7810, -62.7630.

-62.7630.

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

204.0440, 20.7810, -62.7630

Protanopia

211.4460, 64.2880, -41.7600

Deuteranopia

219.6470, 43.0540, -9.3460



Tritanopia

219.3710, -17.1020, 1.5700

Trichromacy



Original Color

204.0440, 20.7810, -62.7630

Protanomaly

208.9060, 48.0130, -49.6750

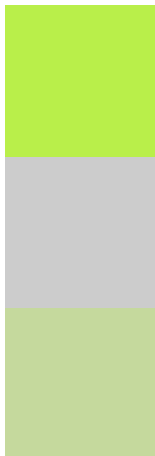
Deuteranomaly

214.0350, 35.3090, -28.6830

Tritanomaly

213.8460, -3.3430, -22.0230

Monochromacy



Original Color

204.0440, 20.7810, -62.7630

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1800, 7.3400, -22.9000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.0440, 20.7810, -62.7630 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(185, 239, 74)` looks like.

```
.text, #text, p{  
    color:rgb(185, 239, 74)  
}
```

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(185, 239, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 239, 74) }
```

Border

The CSS property to change the border of an element to YIQ 204.0440, 20.7810, -62.7630 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(185, 239, 74) }
```


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

```
.border{ border-color:rgb(185, 239, 74) }
```

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

Here you see how a box with a 4 pixel rgb(185, 239, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 239, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 239, 74);  
box-shadow:4px 4px 4px 4px rgb(185, 239,  
74) }
```

Background

The CSS property to change the background color of an element to YIQ 204.0440, 20.7810, -62.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 239, 74) }
```

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

```
.background{ background-color: rgb(185,  
239, 74) }
```

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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