

Converting Colors

YIQ(203.9650, -21.5370,
-66.7610)

Have a look what the booklet for
YIQ(203.9650, -21.5370, -66.7610)
contains.

YIQ(203.9650, -21.5370, -66.7610)	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(203.9650, -21.5370,
-66.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	8EFD72
RGB	142, 253, 114
RGB Percent	56%, 99%, 45%
CMY	0.4435, 0.0076, 0.5529
CMYK	0.44, 0.00, 0.55, 0.01
HSL	108°, 97%, 72%
HSV	108°, 55%, 99%
XYZ	49.3175, 77.2377, 28.2303
YIQ	203.9650, -21.5370, -66.7610

Conversions

Conversions Part 2

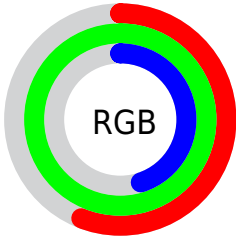
Format	Color
RYB	114, 253, 225
Decimal	9370994
CIELab	90.43, -56.97, 55.97
CIELCh	90, 79.865, 135.508
Yxy	77.2377, 0.3186, 0.4990
Android (android.graphics.Color)	4287561074 (0xFF8EFD72)
YUV	203.9650, -44.3527, -54.3433
Hunter-Lab	87.8850, -53.6318, 42.4744

Details

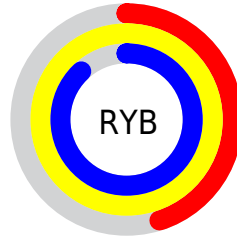
The YIQ color **203.9650, -21.5370, -66.7610** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **163.0350, 21.5370, 66.7610**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.0500, -4.5780, -38.1940**, and **145.8230, -24.0130, -65.9410** is the 20% darker color. If you saturate the color by 10%, you get **195.1350, -25.4320, -78.7760**, and if you desaturate by 10%, it is **212.7950, -17.6420, -54.7460**.

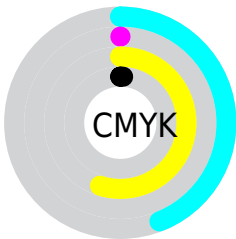
Distribution



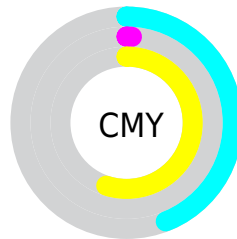
- Red (56%)
- Green (99%)
- Blue (45%)



- Red (45%)
- Yellow (99%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (55%)
- Black (1%)



- Cyan (44%)
- Magenta (1%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.9650, -21.5370, -66.7610 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 203.9650, -21.5370, -66.7610 by changing the saturation by 10% instead.

■ 203.9650,
-21.5370, -66.7610

■ 203.9650,
-21.5370, -66.7610

■ 255.0000, -0.0000,
-0.0000

■ 174.8940,
-22.7750, -66.3510

■ 229.0500, -4.5780,
-38.1940

■ 146.4100,
-24.2880, -66.4640

■ 241.2120, 4.3140,
-23.1260

■ 116.3880,
-27.2220, -68.3580

■ 251.6940, 9.3090,
-9.0190

■ 82.7670, -38.7750,
-73.7430

■ 66.9180, -31.3500,
-59.6220

■ 51.6560, -24.2000,
-46.0240

■ 37.5680, -17.6000,

-33.4720

■ 24.0670, -11.2750,
-21.4430

■ 1.7610, -0.8250,
-1.5690

■ 203.9650,
-21.5370, -66.7610

■ 203.9650,
-21.5370, -66.7610

■ 195.1350,
-25.4320, -78.7760

■ 212.7950,
-17.6420, -54.7460

■ 185.8920,
-29.6020, -91.3140

■ 221.7390,
-14.0680, -42.4200

■ 177.0620,
-33.4970, -103.3290

■ 230.8680, -9.5770,
-30.1930

■ 168.2320,
-37.3920, -115.3440

■ 239.6980, -5.6820,
-18.1780

■ 163.7600,
-39.1790, -121.5070

■ 248.6420, -2.1080,
-5.8520

■ 253.8260, 0.5500,
1.0460

Harmonies

Analogous

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



214.5980, 51.6360, -54.7640



203.9650, -21.5370, -66.7610



171.0030, -130.1520, -75.2080

Triad

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



203.9650, -21.5370, -66.7610



174.0590, -149.7800, -49.8760



190.7650, 47.2190, 30.8270

Complementary

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



203.9650, -21.5370, -66.7610



163.0350, 21.5370, 66.7610

Split Complementary

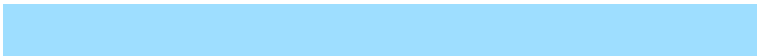
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200.4090, 25.5750, 48.6390



203.9650, -21.5370, -66.7610



206.6260, -48.7370, -3.3050

Square

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



203.9650, -21.5370, -66.7610



178.7550, -151.9800, -54.0600



216.8450, 17.8750, 33.9950



195.6990, 63.6390, -2.4490

Rectangle

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



203.9650, -21.5370, -66.7610



177.0450, -147.1650, -58.7250



216.8450, 17.8750, 33.9950



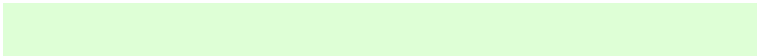
192.5550, 39.4230, 39.9590

Sweetspot

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



203.9650, -21.5370, -66.7610



240.4590, -6.5070, -19.7470



219.5440, 52.8690, -27.5390



119.1700, -3.8950, -12.0150



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.



203.9650, -21.5370, -66.7610



195.4830, -26.5320, -80.8680



200.0390, -50.7440, -60.5680



123.2290, -2.3830, -6.3750



123.4790, -29.8770, -91.8370



41.4550, -9.8520, -30.7160

Inverse Universe

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



163.0350, 21.5370, 66.7610



146.2180, 25.9360, 80.6560



166.9610, 50.7440, 60.5680



119.4720, 1.7870, 6.1630



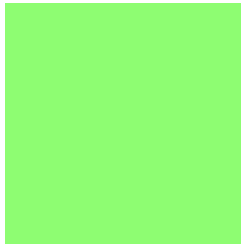
67.5210, 29.8770, 91.8370



22.5450, 9.8520, 30.7160

Previews

White Background



This preview shows how the YIQ color 203.9650, -21.5370, -66.7610 looks on a white background.

Color Contrast Check

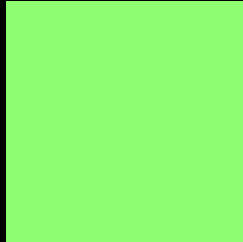
Large Text (above 18pt) WCAG AA × Fail

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 203.9650, -21.5370, -66.7610 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

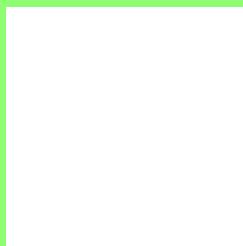
Any Text WCAG AAA ✓ Pass

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

YIQ 203.9650, -21.5370, -66.7610 Background



This preview shows how black text looks on a background with the YIQ color 203.9650, -21.5370, -66.7610.



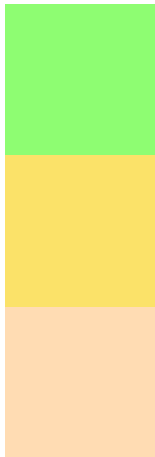
This preview shows how white text looks on a background with the YIQ color 203.9650, -21.5370, -66.7610.

-66.7610.

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

203.9650, -21.5370, -66.7610

Protanopia

219.6810, 53.7410, -32.3310

Deuteranopia

225.7910, 34.0210, -5.3310



Tritanopia

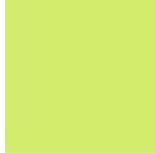
219.9160, -43.9220, -7.9700

Trichromacy



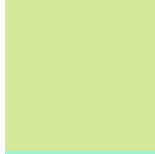
Original Color

203.9650, -21.5370, -66.7610



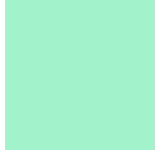
Protanomaly

213.9330, 26.1880, -45.1080



Deuteranomaly

217.8400, 13.9890, -27.7630



Tritanomaly

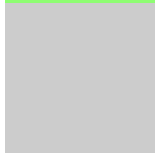
214.3350, -35.7570, -29.3010

Monochromacy



Original Color

203.9650, -21.5370, -66.7610



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.9270, -8.0650, -24.5530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.9650, -21.5370, -66.7610 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(142, 253, 114)` looks like.

```
.text, #text, p{  
    color:rgb(142, 253, 114)  
}
```

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(142, 253, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 253, 114) }
```

Border

The CSS property to change the border of an element to YIQ 203.9650, -21.5370, -66.7610 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(142, 253, 114) }
```


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

```
.border{ border-color:rgb(142, 253, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 253, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(142, 253, 114); -webkit-box-shadow:4px 4px 4px 4px rgb(142, 253, 114); box-shadow:4px 4px 4px 4px rgb(142, 253, 114) }
```

Background

The CSS property to change the background color of an element to YIQ 203.9650, -21.5370, -66.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 253, 114) }
```

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

```
.background{ background-color: rgb(142,  
253, 114) }
```

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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