

Converting Colors

YIQ(209.6520, 7.9860, -45.6300)

Have a look what the booklet for
YIQ(209.6520, 7.9860, -45.6300)
contains.

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Color

**YIQ(209.6520, 7.9860,
-45.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	BDED7B
RGB	189, 237, 123
RGB Percent	74%, 93%, 48%
CMY	0.2590, 0.0705, 0.5175
CMYK	0.20, 0.00, 0.48, 0.07
HSL	85°, 76%, 71%
HSV	85°, 48%, 93%
XYZ	54.8416, 72.8235, 29.9148
YIQ	209.6520, 7.9860, -45.6300

Conversions

Conversions Part 2

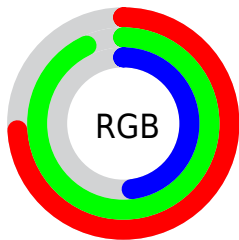
Format	Color
RYB	123, 237, 171
Decimal	12447099
CIELab	88.36, -33.59, 49.92
CIELCh	88, 60.166, 123.934
Yxy	72.8235, 0.3480, 0.4621
Android (android.graphics.Color)	4290637179 (0xFFBDED7B)
YUV	209.6520, -42.7194, -18.1118
Hunter-Lab	85.3367, -34.6263, 38.9515

Details

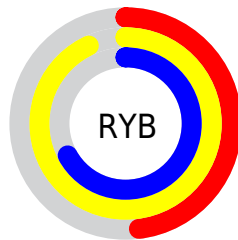
The YIQ color **209.6520, 7.9860, -45.6300** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **150.3480, -7.9860, 45.6300**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8300, 19.9490, -25.6430**, and **154.1080, 6.7020, -44.3860** is the 20% darker color. If you saturate the color by 10%, you get **203.9260, 9.7300, -55.2140**, and if you desaturate by 10%, it is **215.3780, 6.2420, -36.0460**.

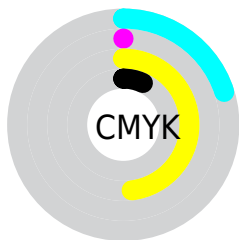
Distribution



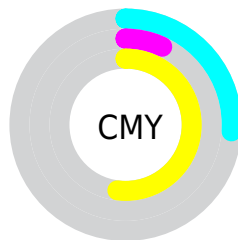
- Red (74%)
- Green (93%)
- Blue (48%)



- Red (48%)
- Yellow (93%)
- Blue (67%)



- Cyan (20%)
- Magenta (0%)
- Yellow (48%)
- Black (7%)




- Cyan (26%)
- Magenta (7%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.6520, 7.9860, -45.6300 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 209.6520, 7.9860, -45.6300 by changing the saturation by 10% instead.


 209.6520, 7.9860,
-45.6300


 209.6520, 7.9860,
-45.6300


255.0000, -0.0000,
-0.0000


 181.8800, 7.3440,
-45.0080


 243.8300, 19.9490,
-25.6430


 154.1080, 6.7020,
-44.3860


 249.4140, 15.7290,
-15.2390

 127.1080, 6.7020,
-44.3860

 252.6060, 6.7410,
-6.5310

 100.5380, 8.3070,
-45.9410

 75.7210, 3.5380,
-42.1100

 53.5600, -5.9540,
-35.2820

 32.2850, -15.1250,

-28.7650

■ 20.5450, -9.6250,
-18.3050

■ 0.0000, 0.0000,
0.0000

■ 209.6520, 7.9860,
-45.6300

■ 209.6520, 7.9860,
-45.6300

■ 203.9260, 9.7300,
-55.2140

■ 215.3780, 6.2420,
-36.0460

■ 198.3140, 11.1530,
-64.4870


■ 220.9900, 4.8190,
-26.7730


■ 192.5880, 12.8970,
-74.0710


■ 226.7160, 3.0750,
-17.1890


■ 186.8620, 14.6410,
-83.6550


■ 232.4420, 1.3310,
-7.6050

 181.2500, 16.0640,
-92.9280

 238.1680, -0.4130,
1.9790

 180.0820, 16.4770,
-94.9070

 242.6400, 1.3740,
8.1420

 244.4340, 4.9500,
9.4140

Harmonies

Analogous

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



215.9200, 54.5660, -30.7620



209.6520, 7.9860, -45.6300



197.7430, -55.4220, -52.8780

Triad

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



209.6520, 7.9860, -45.6300



170.5370, -148.1300, -46.7380



202.4200, 35.0690, 30.7570

Complementary

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



209.6520, 7.9860, -45.6300



150.3480, -7.9860, 45.6300

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.



212.7360, 19.8000, 37.6560



209.6520, 7.9860, -45.6300



202.1080, -62.0780, -9.3260

Square

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



209.6520, 7.9860, -45.6300



175.2330, -150.3300, -50.9220



219.3820, 2.7010, 22.6450



200.8460, 50.5240, 9.4680

Rectangle

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



209.6520, 7.9860, -45.6300



170.4620, -135.5180, -66.0620



219.3820, 2.7010, 22.6450



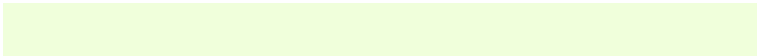
205.8740, 28.0990, 35.9310

Sweetspot

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



209.6520, 7.9860, -45.6300



246.4110, 2.6160, -14.3760



185.2620, 54.7440, -0.9360



122.5020, 1.1020, -8.9620



0.0000, 0.0000, 0.0000



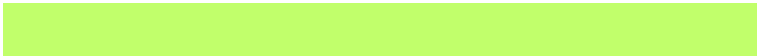
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



209.6520, 7.9860, -45.6300



219.5900, 10.5560, -59.1720



192.9080, -25.3900, -57.5020



114.2510, 0.5510, -4.4810



137.6420, 12.8050, -72.4030



40.9670, 3.6260, -21.6700

Inverse Universe

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



150.3480, -7.9860, 45.6300



142.4100, -10.5560, 59.1720



167.3910, 25.9860, 57.7140



108.7490, -0.5510, 4.4810



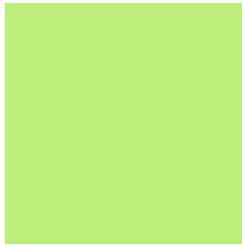
43.3580, -12.8050, 72.4030



13.0330, -3.6260, 21.6700

Previews

White Background



This preview shows how the YIQ color 209.6520, 7.9860, -45.6300 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 209.6520, 7.9860, -45.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

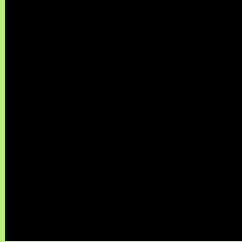
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.6520, 7.9860, -45.6300

Background



This preview shows how black text looks on a background with the YIQ color 209.6520, 7.9860, -45.6300.



This preview shows how white text looks on a background with the YIQ color 209.6520, 7.9860,

-45.6300.

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

209.6520, 7.9860, -45.6300

Protanopia

216.1350, 46.7710, -27.1570

Deuteranopia

220.6730, 40.1650, -6.5470



Tritanopia

220.3710, -17.1020, 1.5700

Trichromacy



Original Color

209.6520, 7.9860, -45.6300

Protanomaly

213.9050, 32.5590, -33.9130

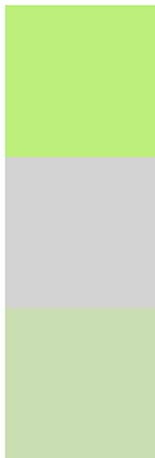
Deuteranomaly

216.4830, 28.4760, -20.4840

Tritanomaly

216.6100, -8.2500, -15.6900

Monochromacy



Original Color

209.6520, 7.9860, -45.6300

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.8300, 2.7540, -16.8780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6520, 7.9860, -45.6300 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(189, 237, 123)` looks like.

```
.text, #text, p{  
    color:rgb(189, 237, 123)  
}
```

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(189, 237, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 237, 123) }
```

Border

The CSS property to change the border of an element to YIQ 209.6520, 7.9860, -45.6300 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(189, 237, 123) }
```


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

```
.border{ border-color:rgb(189, 237, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 237, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 237, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 237, 123);  
box-shadow:4px 4px 4px 4px rgb(189, 237,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6520, 7.9860, -45.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 237, 123) }
```

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

```
.background{ background-color: rgb(189,  
237, 123) }
```

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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