

Converting Colors

YIQ(205.4560, -45.9830,
-20.1830)

Have a look what the booklet for
YIQ(205.4560, -45.9830, -20.1830)
contains.

YIQ(205.4560, -45.9830, -20.1830)	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(205.4560, -45.9830,
-20.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	95E7DE
RGB	149, 231, 222
RGB Percent	58%, 91%, 87%
CMY	0.4159, 0.0940, 0.1296
CMYK	0.36, 0.00, 0.04, 0.09
HSL	173°, 63%, 75%
HSV	173°, 36%, 91%
XYZ	54.1495, 68.8274, 79.5068
YIQ	205.4560, -45.9830, -20.1830

Conversions

Conversions Part 2

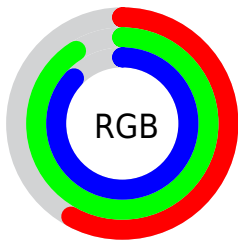
Format	Color
RYB	149, 192, 231
Decimal	9824222
CIELab	86.42, -26.96, -3.52
CIELCh	86, 27.190, 187.429
Yxy	68.8274, 0.2674, 0.3399
Android (android.graphics.Color)	4288014302 (0xFF95E7DE)
YUV	205.4560, 8.1562, -49.5119
Hunter-Lab	82.9623, -28.6771, 1.2531

Details

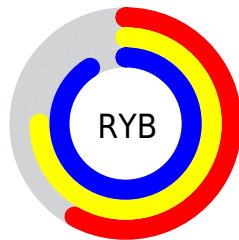
The YIQ color **205.4560, -45.9830, -20.1830** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **174.5440, 45.9830, 20.1830**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3490, -29.2040, -10.3880**, and **149.8690, -45.7080, -19.6600** is the 20% darker color. If you saturate the color by 10%, you get **198.2370, -58.7280, -25.9920**, and if you desaturate by 10%, it is **212.6750, -33.2380, -14.3740**.

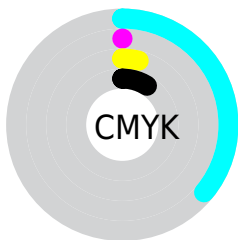
Distribution



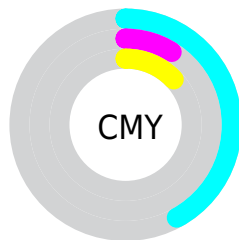
- Red (58%)
- Green (91%)
- Blue (87%)



- Red (58%)
- Yellow (75%)
- Blue (91%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (42%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.4560, -45.9830, -20.1830 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 205.4560, -45.9830, -20.1830 by changing the saturation by 10% instead.

■ 205.4560,
-45.9830, -20.1830

■ 205.4560,
-45.9830, -20.1830

■ 255.0000, -0.0000,
-0.0000

■ 177.4560,
-45.9830, -20.1830

■ 240.3490,
-29.2040, -10.3880

■ 149.8690,
-45.7080, -19.6600

■ 249.0200,
-11.9200, -4.2400

■ 122.6840,
-46.6250, -19.5610

■ 95.1890, -49.6050,
-20.6210

■ 67.3130, -55.8860,
-22.4300

■ 50.4890, -41.5820,
-17.3420

■ 34.4800, -28.1950,

-12.1550

■ 20.9330, -16.2290,
-8.7490

■ 0.0000, 0.0000,
0.0000

■ 205.4560,
-45.9830, -20.1830

■ 205.4560,
-45.9830, -20.1830

■ 198.2370,
-58.7280, -25.9920

■ 212.6750,
-33.2380, -14.3740

■ 191.1320,
-71.7940, -31.4900

■ 219.7800,
-20.1720, -8.8760

■ 183.9130,
-84.5390, -37.2990

■ 226.9990, -7.4270,
-3.0670

■ 176.8080,
-97.6050, -42.7970

■ 234.1040, 5.6390,
2.4310

■ 169.2900,
-110.9460, -48.8180

■ 238.6320, 13.0200,
6.3320

■ 162.1850,
-124.0120, -54.3160

■ 238.8600, 12.3780,
6.9540

■ 158.9670,
-129.3300, -57.0580

■ 239.2020, 11.4150,
7.8870

■ 239.4300, 10.7730,
8.5090

■ 239.7720, 9.8100,
9.4420

Harmonies

Analogous

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



207.8960, -23.9750, -22.5590



205.4560, -45.9830, -20.1830



205.6370, -56.4380, -12.4220

Triad

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



205.4560, -45.9830, -20.1830



219.0500, -2.2960, 19.5920



217.0090, 39.3390, -2.5890

Complementary

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



205.4560, -45.9830, -20.1830



174.5440, 45.9830, 20.1830

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.



215.4360, 36.9990, 6.7830



205.4560, -45.9830, -20.1830



220.6630, 20.9030, 23.1670

Square

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



205.4560, -45.9830, -20.1830



213.8680, -25.6310, 7.4650



216.5250, 29.7990, 16.1270



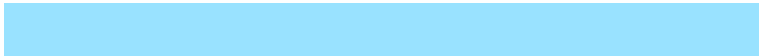
214.6600, 23.8440, -13.6280

Rectangle

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



205.4560, -45.9830, -20.1830



207.4790, -52.8170, -6.4570



216.5250, 29.7990, 16.1270



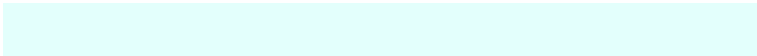
216.4160, 39.7510, 0.9590

Sweetspot

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



205.4560, -45.9830, -20.1830



246.2860, -15.7250, -6.8690



200.1240, -16.5900, -40.7660



122.6890, -9.4900, -4.2260



0.0000, 0.0000, 0.0000



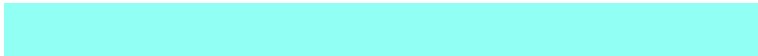
128.0000, -0.0000, -0.0000

Same Dimension

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



205.4560, -45.9830, -20.1830



220.7420, -61.7080, -27.0520



188.2850, -40.3470, -1.1710



111.1840, -6.5100, -3.1660



123.1990, -100.2640, -44.1680



35.0670, -28.4700, -12.6780

Inverse Universe

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



174.5440, 45.9830, 20.1830



179.2580, 61.7080, 27.0520



191.7150, 40.3470, 1.1710



106.8160, 6.5100, 3.1660



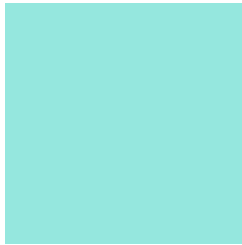
55.8010, 100.2640, 44.1680



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 205.4560, -45.9830, -20.1830 looks on a white background.

Color Contrast Check

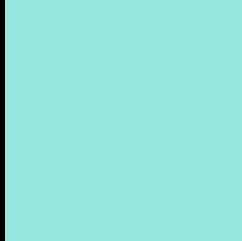
Large Text (above 18pt) WCAG AA × Fail

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 205.4560, -45.9830, -20.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

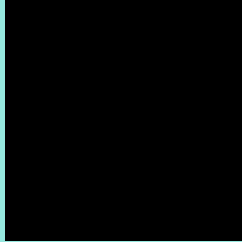
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

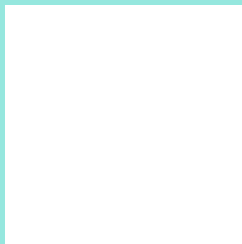
Any Text WCAG AAA ✓ Pass

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

YIQ 205.4560, -45.9830, -20.1830 Background



This preview shows how black text looks on a background with the YIQ color 205.4560, -45.9830, -20.1830.



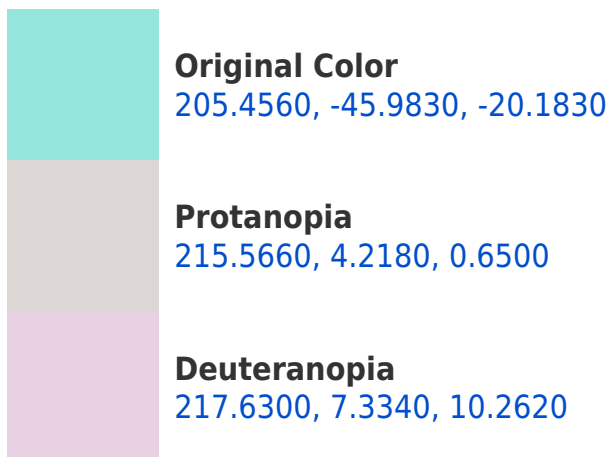
This preview shows how white text looks on a background with the YIQ color 205.4560, -45.9830, -20.1830.

-20.1830.

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





Tritanopia

207.6380, -49.0110, -9.3550

Trichromacy



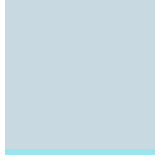
Original Color

205.4560, -45.9830, -20.1830



Protanomaly

211.7700, -14.2120, -6.7560



Deuteranomaly

213.1280, -12.1040, -0.9040



Tritanomaly

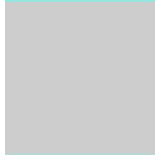
206.6010, -47.5890, -13.1010

Monochromacy



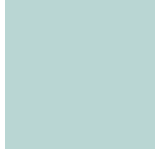
Original Color

205.4560, -45.9830, -20.1830



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

204.9870, -16.3210, -7.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.4560, -45.9830, -20.1830 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(149, 231, 222)` looks like.

```
.text, #text, p{  
    color:rgb(149, 231, 222)  
}
```

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(149, 231, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 231, 222) }
```

Border

The CSS property to change the border of an element to YIQ 205.4560, -45.9830, -20.1830 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(149, 231, 222) }
```


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

```
.border{ border-color:rgb(149, 231, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 231, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 231, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 231, 222); box-shadow:4px 4px 4px 4px rgb(149, 231, 222) }
```

Background

The CSS property to change the background color of an element to YIQ 205.4560, -45.9830, -20.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 231, 222) }
```

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

```
.background{ background-color: rgb(149,  
231, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor