

Converting Colors

YIQ(205.3660, -98.9360,
-35.1920)

Have a look what the booklet for
YIQ(205.3660, -98.9360, -35.1920)
contains.

YIQ(205.3660, -98.9360, -35.1920)	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(205.3660, -98.9360,
-35.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	59FFFF
RGB	89, 255, 255
RGB Percent	35%, 100%, 100%
CMY	0.6513, 0.0000, 0.0004
CMYK	0.65, 0.00, 0.00, 0.00
HSL	180°, 100%, 67%
HSV	180°, 65%, 100%
XYZ	57.9040, 80.8524, 107.0775
YIQ	205.3660, -98.9360, -35.1920

Conversions

Conversions Part 2

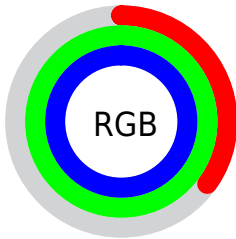
Format	Color
R_{YB}	89, 172, 255
Decimal	5898239
CIE _{Lab}	92.07, -41.94, -12.57
CIE _{LCh}	92, 43.780, 196.682
Yxy	80.8524, 0.2355, 0.3289
Android (android.graphics.Color)	4284088319 (0xFF59FFFF)
YUV	205.3660, 24.4696, -102.0530
Hunter-Lab	89.9180, -42.4087, -7.6620

Details

The YIQ color **205.3660, -98.9360, -35.1920** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **138.6340, 98.9360, 35.1920**, and the grayscale version is **205.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, -58.4080, -20.7760**, and **138.7980, -118.0080, -41.9760** is the 20% darker color. If you saturate the color by 10%, you get **197.5920, -114.4320, -40.7040**, and if you desaturate by 10%, it is **212.8410, -84.0360, -29.8920**.

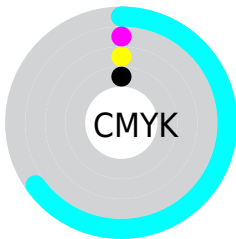
Distribution



- Red (35%)
- Green (100%)
- Blue (100%)



- Red (35%)
- Yellow (67%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.3660, -98.9360, -35.1920 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 205.3660, -98.9360, -35.1920 by changing the saturation by 10% instead.

205.3660,
-98.9360, -35.1920

205.3660,
-98.9360, -35.1920

255.0000, -0.0000,
-0.0000

171.5820,
-108.4720, -38.5840

225.6980,
-58.4080, -20.7760

138.7980,
-118.0080, -41.9760

235.2660,
-39.3360, -13.9920

119.2840,
-101.6410, -35.7290

244.8340,
-20.2640, -7.2080

100.4710,
-85.8700, -29.6940

254.4020, -1.1920,
-0.4240

82.2450, -70.3740,
-24.1820

64.1330, -55.1990,
-18.3590

47.4230, -41.2160,

-12.9600

■ 31.3000, -27.5080,
-8.0840

■ 11.9970, -13.1130,
0.8630

■ 205.3660,
-98.9360, -35.1920

■ 205.3660,
-98.9360, -35.1920

■ 197.5920,
-114.4320, -40.7040

■ 212.8410,
-84.0360, -29.8920

■ 190.1170,
-129.3320, -46.0040

■ 220.6150,
-68.5400, -24.3800

■ 182.3430,
-144.8280, -51.5160

■ 228.0900,
-53.6400, -19.0800

■ 178.7550,
-151.9800, -54.0600

■ 235.8640,
-38.1440, -13.5680

■ 243.3390,
-23.2440, -8.2680

■ 251.1130, -7.7480,
-2.7560

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



214.4140, -55.3330, -37.9650



205.3660, -98.9360, -35.1920



201.8220, -100.2200, -33.9480

Triad

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



205.3660, -98.9360, -35.1920



230.3460, 11.5500, 21.9660



224.3600, 42.1840, -15.6080

Complementary

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



205.3660, -98.9360, -35.1920



138.6340, 98.9360, 35.1920

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.



218.6500, 38.9720, -1.4440



205.3660, -98.9360, -35.1920



223.6610, 15.2170, 27.0970

Square

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



205.3660, -98.9360, -35.1920



225.6960, -19.3950, 4.5810



218.1720, 29.2950, 14.2470



227.1960, 27.6060, -26.7460

Rectangle

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



205.3660, -98.9360, -35.1920



209.6510, -77.3890, -23.7010



218.1720, 29.2950, 14.2470



221.9950, 41.9540, -11.4380

Sweetspot

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



205.3660, -98.9360, -35.1920



239.7510, -30.3960, -10.8120



187.3390, -43.8620, -86.1820



118.6170, -18.1550, -6.8830



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.



205.3660, -98.9360, -35.1920



195.4990, -118.6040, -42.1880



158.4060, -76.9360, 6.6480



123.9990, -7.4270, -3.0670



133.8910, -113.8360, -40.4920



44.8640, -38.1440, -13.5680

Inverse Universe

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



138.6340, 98.9360, 35.1920



115.5010, 118.6040, 42.1880



185.5940, 76.9360, -6.6480



118.8870, 7.7480, 2.7560



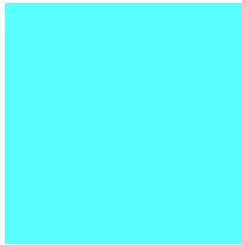
57.1090, 113.8360, 40.4920



19.1360, 38.1440, 13.5680

Previews

White Background



This preview shows how the YIQ color 205.3660, -98.9360, -35.1920 looks on a white background.

Color Contrast Check

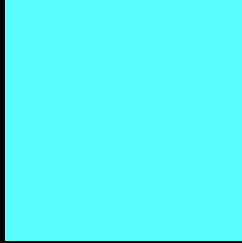
Large Text (above 18pt) WCAG AA × Fail

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 205.3660, -98.9360, -35.1920 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

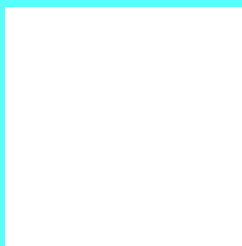
Any Text WCAG AAA ✓ Pass

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

YIQ 205.3660, -98.9360, -35.1920 Background



This preview shows how black text looks on a background with the YIQ color 205.3660, -98.9360, -35.1920.



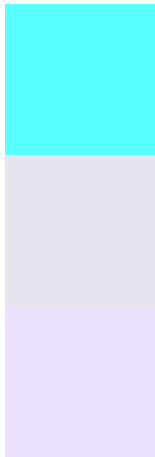
This preview shows how white text looks on a background with the YIQ color 205.3660, -98.9360, -35.1920.

-35.1920.

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

205.3660, -98.9360, -35.1920

Protanopia

231.0370, -1.4220, 3.7460

Deuteranopia

232.2960, -3.3490, 11.1390



Tritanopia

223.1390, -46.1680, -11.3200

Trichromacy



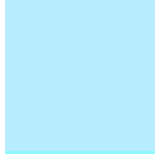
Original Color

205.3660, -98.9360, -35.1920



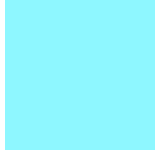
Protanomaly

221.4560, -36.8150, -10.1190



Deuteranomaly

222.9060, -37.9620, -5.8500



Tritanomaly

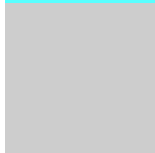
216.5170, -65.1480, -19.7720

Monochromacy



Original Color

205.3660, -98.9360, -35.1920



Achromatopsia

205.0000, -0.0000, 0.0000



Achromatomaly

205.0600, -35.7600, -12.7200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.3660, -98.9360, -35.1920 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(89, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 255, 255)  
}
```

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(89, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 255, 255) }
```

Border

The CSS property to change the border of an element to YIQ 205.3660, -98.9360, -35.1920 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(89, 255, 255) }
```


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

```
.border{ border-color:rgb(89, 255, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 255, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 205.3660, -98.9360, -35.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 255, 255) }
```

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

```
.background{ background-color: rgb(89, 255,  
255) }
```

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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