

Converting Colors

YIQ(188.5920, -60.5650,
-9.2130)

Have a look what the booklet for
YIQ(188.5920, -60.5650, -9.2130)
contains.

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Color

**YIQ(188.5920, -60.5650,
-9.2130)**

Conversions

Conversions Part 1

Format	Color
Hex	7DD3F0
RGB	125, 211, 240
RGB Percent	49%, 83%, 94%
CMY	0.5100, 0.1724, 0.0591
CMYK	0.48, 0.12, 0.00, 0.06
HSL	195°, 79%, 72%
HSV	195°, 48%, 94%
XYZ	47.4720, 57.2502, 90.9342
YIQ	188.5920, -60.5650, -9.2130

Conversions

Conversions Part 2

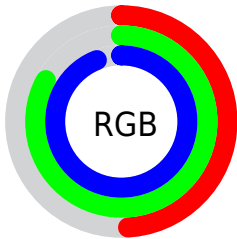
Format	Color
RYB	125, 174, 240
Decimal	8246256
CIELab	80.32, -18.47, -22.28
CIELCh	80, 28.934, 230.341
Yxy	57.2502, 0.2426, 0.2926
Android (android.graphics.Color)	4286436336 (0xFF7DD3F0)
YUV	188.5920, 25.3441, -55.7702
Hunter-Lab	75.6639, -20.4198, -18.2911

Details

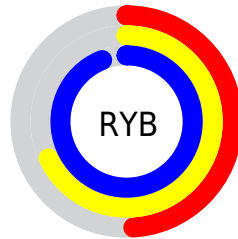
The YIQ color **188.5920, -60.5650, -9.2130** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **176.4080, 60.5650, 9.2130**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, -42.9120, -15.2640**, and **131.9830, -63.2240, -10.5840** is the 20% darker color. If you saturate the color by 10%, you get **177.8940, -73.2190, -11.1630**, and if you desaturate by 10%, it is **199.2900, -47.9110, -7.2630**.

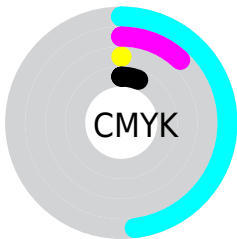
Distribution



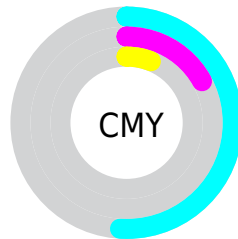
- Red (49%)
- Green (83%)
- Blue (94%)



- Red (49%)
- Yellow (68%)
- Blue (94%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (6%)



- Cyan (51%)
- Magenta (17%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.5920, -60.5650, -9.2130 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 188.5920, -60.5650, -9.2130 by changing the saturation by 10% instead.

■ 188.5920,
-60.5650, -9.2130

■ 188.5920,
-60.5650, -9.2130

■ 255.0000, -0.0000,
-0.0000

■ 160.2930,
-61.1610, -9.4250

■ 233.4720,
-42.9120, -15.2640

■ 131.9830,
-63.2240, -10.5840

■ 242.4420,
-25.0320, -8.9040

■ 102.2810,
-70.0550, -13.4390

■ 251.1130, -7.7480,
-2.7560

■ 76.5690, -70.9260,
-14.1740

■ 59.6310, -56.3010,
-9.3970

■ 43.2800, -41.9510,
-5.1430

■ 27.7440, -28.5180,

-0.7900

■ 7.1530, -13.2520,
8.8920

■ 2.0690, -4.4480,
3.5200

■ 188.5920,
-60.5650, -9.2130

■ 188.5920,
-60.5650, -9.2130

■ 177.8940,
-73.2190, -11.1630

■ 199.2900,
-47.9110, -7.2630

■ 167.1960,
-85.8730, -13.1130

■ 209.9880,
-35.2570, -5.3130

■ 156.4980,
-98.5270, -15.0630

■ 220.6860,
-22.6030, -3.3630

■ 145.8000,
-111.1810, -17.0130

■ 231.3840, -9.9490,
-1.4130

■ 135.1020,
-123.8350, -18.9630

■ 242.0820, 2.7050,
0.5370

■ 133.0200,
-126.5400, -19.5000

■ 248.5940, 7.0150,
-0.4810

■ 252.1160, 5.3650,
-3.6190

■ 253.2900, 4.8150,
-4.6650

Harmonies

Analogous

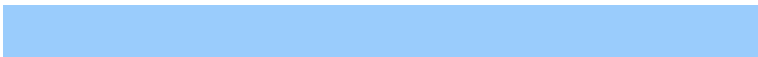
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



186.2360, -56.9870, -18.9950



188.5920, -60.5650, -9.2130



194.5220, -45.2080, 4.3280

Triad

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



188.5920, -60.5650, -9.2130



203.3390, 30.6230, 23.2230



195.8330, 15.8670, -17.7410

Complementary

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



188.5920, -60.5650, -9.2130



176.4080, 60.5650, 9.2130

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.



198.9820, 34.8010, -8.4550



188.5920, -60.5650, -9.2130



202.3540, 43.4620, 16.3100

Square

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



188.5920, -60.5650, -9.2130



203.1330, 7.8360, 23.1960



201.1610, 45.0230, 4.5350



192.4970, -9.6700, -22.9980

Rectangle

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



188.5920, -60.5650, -9.2130



199.0620, -28.9330, 12.2430



201.1610, 45.0230, 4.5350



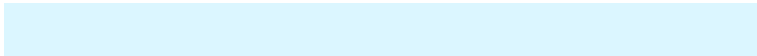
197.4210, 23.0190, -15.1970

Sweetspot

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



188.5920, -60.5650, -9.2130



238.9530, -18.9810, -2.9250



195.8110, -40.9340, -51.1260



117.9000, -11.4620, -1.5260



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.



188.5920, -60.5650, -9.2130



189.0290, -78.0330, -12.0250



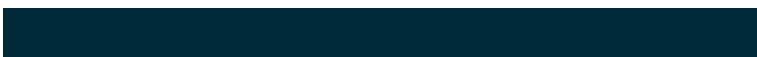
155.1330, -44.8900, 20.5980



114.6510, -6.3270, -0.9750



101.3950, -96.7390, -14.4270



31.0380, -29.5260, -4.5500

Inverse Universe

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



169.1890, 40.9340, 51.1260



163.9060, 52.5770, 65.8970



209.8670, 44.8900, -20.5980



112.6140, 4.2630, 5.3430



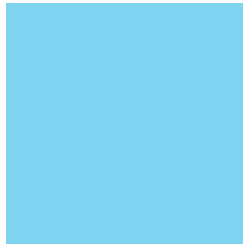
70.6340, 65.6870, 81.6150



21.5320, 19.8940, 24.9340

Previews

White Background



This preview shows how the YIQ color 188.5920, -60.5650, -9.2130 looks on a white background.

Color Contrast Check

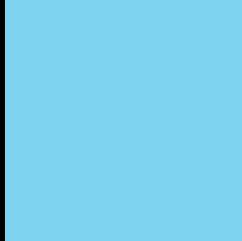
Large Text (above 18pt) WCAG AA × Fail

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 188.5920, -60.5650, -9.2130 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 188.5920, -60.5650, -9.2130

Background



This preview shows how black text looks on a background with the YIQ color 188.5920, -60.5650, -9.2130.



This preview shows how white text looks on a background with the YIQ color 188.5920, -60.5650, -9.2130.

-9.2130.

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

188.5920, -60.5650, -9.2130

Protanopia

199.2670, -13.5730, 9.2030

Deuteranopia

199.9990, -15.4540, 15.7620



Tritanopia

187.7290, -59.6930, -14.0050

Trichromacy



Original Color

188.5920, -60.5650, -9.2130

Protanomaly

195.4820, -30.5360, 2.7440

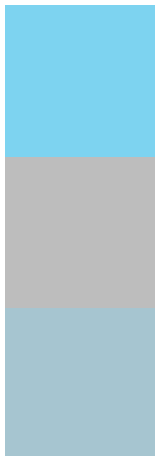
Deuteranomaly

195.9320, -31.6830, 7.0130

Tritanomaly

187.8970, -60.1060, -12.0260

Monochromacy



Original Color

188.5920, -60.5650, -9.2130

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

188.9850, -22.0070, -3.1510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.5920, -60.5650, -9.2130 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(125, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(125, 211, 240)  
}
```

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(125, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 211, 240) }
```

Border

The CSS property to change the border of an element to YIQ 188.5920, -60.5650, -9.2130 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(125, 211, 240) }
```


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

```
.border{ border-color:rgb(125, 211, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(125, 211,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 188.5920, -60.5650, -9.2130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 211, 240) }
```

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

```
.background{ background-color: rgb(125,  
211, 240) }
```

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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