

Converting Colors

YIQ(187.9140, -94.3070,
-25.4670)

Have a look what the booklet for
YIQ(187.9140, -94.3070, -25.4670)
contains.

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Color

**YIQ(187.9140, -94.3070,
-25.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	52E6F9
RGB	82, 230, 249
RGB Percent	32%, 90%, 98%
CMY	0.6787, 0.0978, 0.0239
CMYK	0.67, 0.08, 0.00, 0.02
HSL	187°, 93%, 65%
HSV	187°, 67%, 98%
XYZ	48.8697, 65.2516, 99.5605
YIQ	187.9140, -94.3070, -25.4670

Conversions

Conversions Part 2

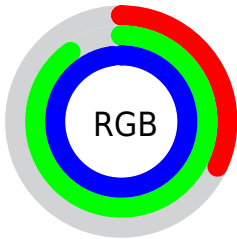
Format	Color
R _Y B	82, 160, 249
Decimal	5433081
CIE Lab	84.61, -33.12, -20.65
CIE LCh	85, 39.026, 211.947
Yxy	65.2516, 0.2287, 0.3054
Android (android.graphics.Color)	4283623161 (0xFF52E6F9)
YUV	187.9140, 30.1154, -92.8866
Hunter-Lab	80.7785, -33.3727, -16.5308

Details

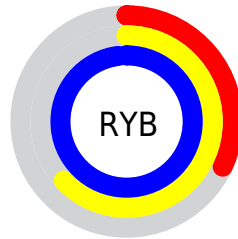
The YIQ color **187.9140, -94.3070, -25.4670** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **143.0860, 94.3070, 25.4670**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, -62.5800, -22.2600**, and **124.1400, -109.8030, -30.9790** is the 20% darker color. If you saturate the color by 10%, you get **178.6780, -108.3820, -29.1980**, and if you desaturate by 10%, it is **197.1500, -80.2320, -21.7360**.

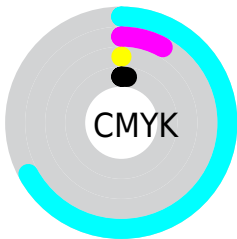
Distribution



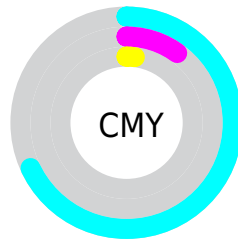
- Red (32%)
- Green (90%)
- Blue (98%)



- Red (32%)
- Yellow (63%)
- Blue (98%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (68%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.9140, -94.3070, -25.4670 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 187.9140, -94.3070, -25.4670 by changing the saturation by 10% instead.

187.9140,
-94.3070, -25.4670

187.9140,
-94.3070, -25.4670

255.0000, -0.0000,
-0.0000

154.1190,
-105.3100, -29.8060

223.6050,
-62.5800, -22.2600

124.0260,
-109.4820, -31.2900

232.8740,
-44.1040, -15.6880

105.0990,
-93.3900, -25.5660

242.1430,
-25.6280, -9.1160

86.8730, -77.8940,
-20.0540

251.7110, -6.5560,
-2.3320

69.2340, -62.6730,
-15.0650

51.8230, -48.0940,
-9.4540

35.5860, -34.0650,

-4.8890

■ 20.1640, -20.9530,
-0.2250

■ 3.2090, -7.6580,
6.6300

■ 187.9140,
-94.3070, -25.4670

■ 187.9140,
-94.3070, -25.4670

■ 178.6780,
-108.3820, -29.1980

■ 197.1500,
-80.2320, -21.7360

■ 169.4420,
-122.4570, -32.9290

■ 206.3860,
-66.1570, -18.0050

■ 160.7930,
-136.8070, -37.1830

■ 215.0350,
-51.8070, -13.7510

■ 158.1130,
-140.7040, -38.1440

■ 223.9720,
-38.3280, -10.2320

■ 233.2080,
-24.2530, -6.5010

■ 242.4440,
-10.1780, -2.7700

■ 251.3810, 3.3010,
0.7490

■ 253.1420, 2.4760,
-0.8200

■ 254.3160, 1.9260,
-1.8660

Harmonies

Analogous

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



192.0570, -67.2090, -31.9850



187.9140, -94.3070, -25.4670



193.1490, -78.4910, -14.7390

Triad

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



187.9140, -94.3070, -25.4670



215.2320, 21.0390, 31.7190



208.8540, 37.7370, -17.6150

Complementary

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



187.9140, -94.3070, -25.4670



143.0860, 94.3070, 25.4670

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.



208.6420, 50.6180, -3.2540



187.9140, -94.3070, -25.4670



207.6060, 34.2450, 23.6610

Square

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



187.9140, -94.3070, -25.4670



212.5380, -6.6060, 20.6100



205.8500, 44.7010, 10.3730



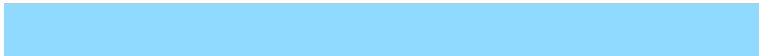
204.9040, 7.9370, -28.2150

Rectangle

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



187.9140, -94.3070, -25.4670



200.3910, -55.3850, -3.9690



205.8500, 44.7010, 10.3730



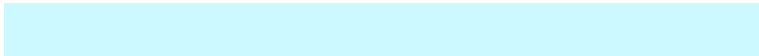
210.2080, 45.6680, -12.6680

Sweetspot

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



187.9140, -94.3070, -25.4670



236.2290, -28.7460, -7.6740



181.9670, -51.3820, -82.0540



116.3830, -17.3760, -4.4800



0.0000, 0.0000, 0.0000



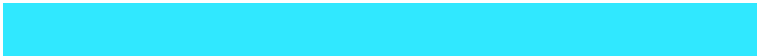
128.0000, -0.0000, -0.0000

Same Dimension

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



187.9140, -94.3070, -25.4670



179.6060, -117.0470, -31.8550



140.3670, -72.0320, 16.8960



120.5260, -7.4730, -2.2330



119.5750, -106.5940, -28.5620



38.6520, -34.4310, -9.2710

Inverse Universe

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



148.8050, 52.0240, 81.4320



130.8690, 64.3080, 101.1080



190.6330, 72.0320, -16.8960



117.2550, 3.8960, 6.4880



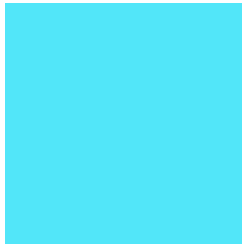
75.5490, 59.0370, 92.0050



24.3950, 19.0220, 29.7260

Previews

White Background



This preview shows how the YIQ color 187.9140, -94.3070, -25.4670 looks on a white background.

Color Contrast Check

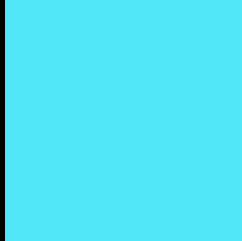
Large Text (above 18pt) WCAG AA × Fail

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 187.9140, -94.3070, -25.4670 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 187.9140, -94.3070, -25.4670 Background



This preview shows how black text looks on a background with the YIQ color 187.9140, -94.3070, -25.4670.



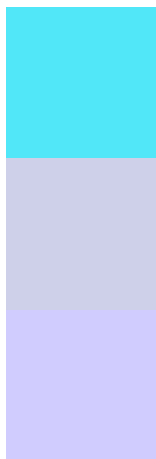
This preview shows how white text looks on a background with the YIQ color 187.9140, -94.3070, -25.4670.

-25.4670.

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

187.9140, -94.3070, -25.4670

Protanopia

210.3660, -9.5380, 7.6620

Deuteranopia

211.4830, -13.9410, 15.8750



Tritanopia

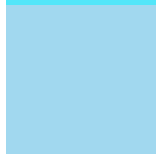
187.9140, -94.3070, -25.4670

Trichromacy



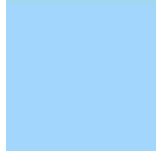
Original Color

187.9140, -94.3070, -25.4670



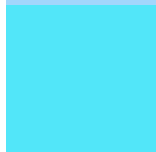
Protanomaly

202.1770, -40.1630, -4.5070



Deuteranomaly

202.7840, -43.1900, 0.7940



Tritanomaly

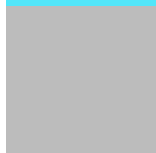
187.9140, -94.3070, -25.4670

Monochromacy



Original Color

187.9140, -94.3070, -25.4670



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.6520, -34.4310, -9.2710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.9140, -94.3070, -25.4670 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(82, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(82, 230, 249)  
}
```

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(82, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 230, 249) }
```

Border

The CSS property to change the border of an element to YIQ 187.9140, -94.3070, -25.4670 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(82, 230, 249) }
```


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

```
.border{ border-color:rgb(82, 230, 249) }
```

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

Here you see how a box with a 4 pixel rgb(82, 230, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(82, 230,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 187.9140, -94.3070, -25.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 230, 249) }
```

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

```
.background{ background-color: rgb(82, 230,  
249) }
```

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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