

Converting Colors

YIQ(180.6530, -79.7300,
-8.8020)

Have a look what the booklet for
YIQ(180.6530, -79.7300, -8.8020)
contains.

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Color

**YIQ(180.6530, -79.7300,
-8.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	63D0FE
RGB	99, 208, 254
RGB Percent	39%, 82%, 100%
CMY	0.6120, 0.1841, 0.0043
CMYK	0.61, 0.18, 0.00, 0.00
HSL	198°, 99%, 69%
HSV	198°, 61%, 100%
XYZ	45.5813, 54.9335, 101.8914
YIQ	180.6530, -79.7300, -8.8020

Conversions

Conversions Part 2

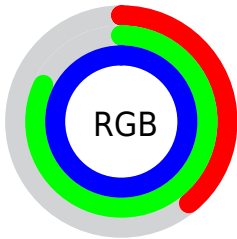
Format	Color
R _Y B	99, 163, 254
Decimal	6541566
CIE Lab	79.00, -18.13, -31.83
CIE LCh	79, 36.626, 240.336
Yxy	54.9335, 0.2252, 0.2714
Android (android.graphics.Color)	4284731646 (0xFF63D0FE)
YUV	180.6530, 36.1601, -71.6097
Hunter-Lab	74.1171, -19.9294, -29.6260

Details

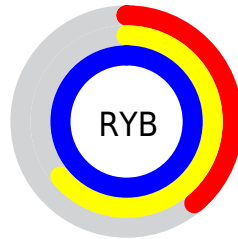
The YIQ color **180.6530, -79.7300, -8.8020** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **172.3470, 79.7300, 8.8020**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.1930, -55.4280, -19.7160**, and **113.7530, -103.7990, -18.6390** is the 20% darker color. If you saturate the color by 10%, you get **169.0690, -92.7050, -10.4410**, and if you desaturate by 10%, it is **192.8240, -67.0300, -7.6860**.

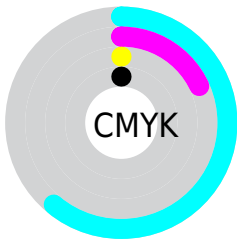
Distribution



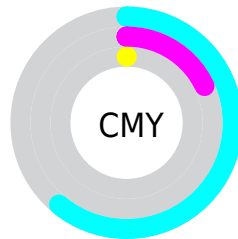
- Red (39%)
- Green (82%)
- Blue (100%)



- Red (39%)
- Yellow (64%)
- Blue (100%)



- Cyan (61%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.6530, -79.7300, -8.8020 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 180.6530, -79.7300, -8.8020 by changing the saturation by 10% instead.

■ 180.6530,
-79.7300, -8.8020

■ 180.6530,
-79.7300, -8.8020

■ 255.0000, -0.0000,
-0.0000

■ 150.4460,
-83.5810, -10.5970

■ 227.1930,
-55.4280, -19.7160

■ 113.7530,
-103.7990, -18.6390

■ 236.1630,
-37.5480, -13.3560

■ 94.5160, -89.7700,
-14.0740

■ 245.4320,
-19.0720, -6.7840

■ 76.1760, -73.9530,
-8.8730

■ 254.4020, -1.1920,
-0.4240

■ 59.1240, -59.0070,
-4.4070

■ 42.7730, -44.6570,
-0.1530

■ 27.8240, -31.4990,

3.6770

■ 7.5920, -15.8660,
12.2140

■ 3.4370, -8.3000,
7.2520

■ 180.6530,
-79.7300, -8.8020

■ 180.6530,
-79.7300, -8.8020

■ 169.0690,
-92.7050, -10.4410

■ 192.8240,
-67.0300, -7.6860

■ 156.5990,
-106.0010, -11.7690

■ 204.7070,
-53.4590, -5.8350

■ 145.0150,
-118.9760, -13.4080

■ 216.8780,
-40.7590, -4.7190

■ 134.0290,
-130.7590, -14.6230

■ 228.7610,
-27.1880, -2.8680

■ 240.9320,
-14.4880, -1.7520

■ 252.5160, -1.5130,
-0.1130

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



174.1600, -86.1920, -23.8560



180.6530, -79.7300, -8.8020



190.7330, -47.1800, 7.0280

Triad

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



180.6530, -79.7300, -8.8020



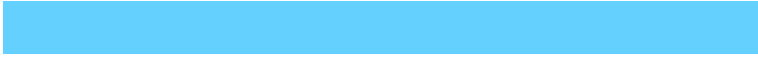
198.4930, 41.9930, 26.4170



189.9690, 9.3120, -25.6000

Complementary

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



180.6530, -79.7300, -8.8020



172.3470, 79.7300, 8.8020

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.



193.8370, 36.4070, -15.5370



180.6530, -79.7300, -8.8020



196.3780, 52.0820, 14.2740

Square

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



180.6530, -79.7300, -8.8020



200.4060, 20.4890, 30.6730



196.3050, 53.1850, -0.2150



184.9680, -24.4780, -29.9660

Rectangle

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



180.6530, -79.7300, -8.8020



196.5020, -24.1200, 18.6320



196.3050, 53.1850, -0.2150



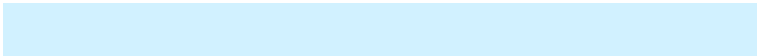
191.2260, 18.8940, -23.0420

Sweetspot

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



180.6530, -79.7300, -8.8020



233.0280, -23.5660, -2.4300



195.0010, -56.7490, -67.3810



114.0460, -14.8090, -1.4410



0.0000, 0.0000, 0.0000



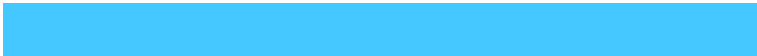
128.0000, -0.0000, -0.0000

Same Dimension

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



180.6530, -79.7300, -8.8020



167.1010, -95.7310, -10.6670



136.6280, -59.1050, 30.4230



121.7650, -6.6480, -0.6640



101.0190, -98.4360, -11.2040



33.7110, -32.9190, -3.6310

Inverse Universe

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



157.7710, 57.3910, 66.7590



139.5480, 68.8050, 80.1730



216.3720, 59.1050, -30.4230



119.9130, 4.8590, 5.5550



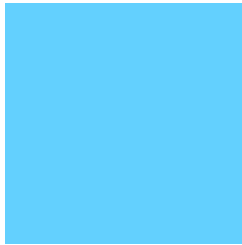
72.4990, 70.5010, 82.4770



24.2660, 23.6990, 27.5630

Previews

White Background



This preview shows how the YIQ color 180.6530, -79.7300, -8.8020 looks on a white background.

Color Contrast Check

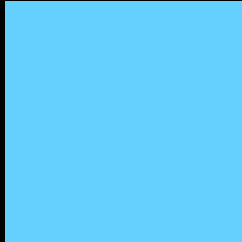
Large Text (above 18pt) WCAG AA × Fail

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 180.6530, -79.7300, -8.8020 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

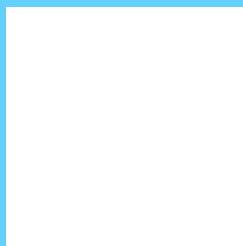
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.6530, -79.7300, -8.8020

Background



This preview shows how black text looks on a background with the YIQ color 180.6530, -79.7300, -8.8020.



This preview shows how white text looks on a background with the YIQ color 180.6530, -79.7300, -8.8020.

-8.8020.

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

180.6530, -79.7300, -8.8020

Protanopia

194.8240, -22.3310, 13.7410

Deuteranopia

194.7080, -27.6960, 17.3600



Tritanopia

176.8620, -79.3610, -21.0010

Trichromacy



Original Color

180.6530, -79.7300, -8.8020

Protanomaly

189.8320, -43.1450, 5.4870

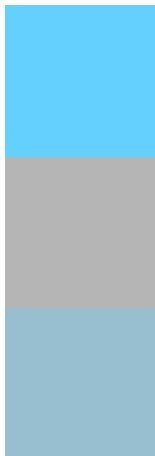
Deuteranomaly

189.5590, -46.6300, 8.0740

Tritanomaly

178.4970, -79.5910, -16.8310

Monochromacy



Original Color

180.6530, -79.7300, -8.8020

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.9780, -29.2970, -3.1930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.6530, -79.7300, -8.8020 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(99, 208, 254)` looks like.

```
.text, #text, p{  
    color:rgb(99, 208, 254)  
}
```

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(99, 208, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 208, 254) }
```

Border

The CSS property to change the border of an element to YIQ 180.6530, -79.7300, -8.8020 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(99, 208, 254) }
```


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

```
.border{ border-color:rgb(99, 208, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 208, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 208, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 208, 254);  
box-shadow:4px 4px 4px 4px rgb(99, 208,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 180.6530, -79.7300, -8.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 208, 254) }
```

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

```
.background{ background-color: rgb(99, 208,  
254) }
```

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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