

Converting Colors

YIQ(172.4020, -53.9180,
-3.0220)

Have a look what the booklet for
YIQ(172.4020, -53.9180, -3.0220)
contains.

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Color

**YIQ(172.4020, -53.9180,
-3.0220)**

Conversions

Conversions Part 1

Format	Color
Hex	77BDE3
RGB	119, 189, 227
RGB Percent	47%, 74%, 89%
CMY	0.5335, 0.2587, 0.1100
CMYK	0.48, 0.17, 0.00, 0.11
HSL	201°, 66%, 68%
HSV	201°, 48%, 89%
XYZ	39.6633, 45.8699, 79.3914
YIQ	172.4020, -53.9180, -3.0220

Conversions

Conversions Part 2

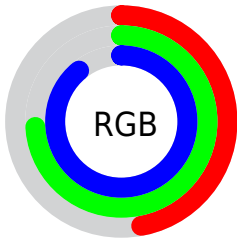
Format	Color
RYB	119, 161, 227
Decimal	7847395
CIELab	73.46, -11.97, -25.77
CIELCh	73, 28.412, 245.088
Yxy	45.8699, 0.2405, 0.2781
Android (android.graphics.Color)	4286037475 (0xFF77BDE3)
YUV	172.4020, 26.9168, -46.8336
Hunter-Lab	67.7273, -13.9875, -22.0919

Details

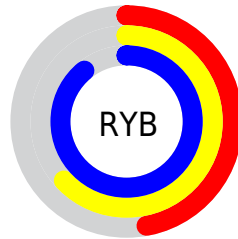
The YIQ color $172.4020, -53.9180, -3.0220$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $173.5980, 53.9180, 3.0220$, and the grayscale version is $172.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.5090, -44.3340, -11.5180$, and $117.6790, -56.2560, -4.7040$ is the 20% darker color. If you saturate the color by 10%, you get $160.8290, -65.4260, -3.7140$, and if you desaturate by 10%, it is $183.9750, -42.4100, -2.3300$.

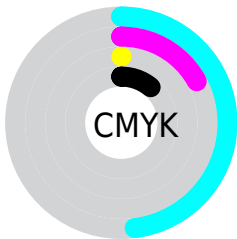
Distribution



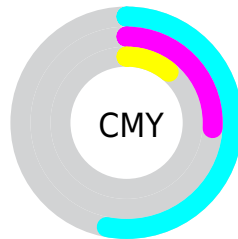
- Red (47%)
- Green (74%)
- Blue (89%)



- Red (47%)
- Yellow (63%)
- Blue (89%)



- Cyan (48%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (53%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.4020, -53.9180, -3.0220 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 172.4020, -53.9180, -3.0220 by changing the saturation by 10% instead.

■ 172.4020,
-53.9180, -3.0220

■ 172.4020,
-53.9180, -3.0220

■ 255.0000, -0.0000,
-0.0000

■ 144.6900,
-54.7890, -3.7570

■ 225.5090,
-44.3340, -11.5180

■ 117.5650,
-55.9350, -5.0150

■ 240.0500,
-29.8000, -10.6000

■ 88.2760, -62.4910,
-7.3470

■ 249.0200,
-11.9200, -4.2400

■ 64.0480, -61.8490,
-7.9690

■ 47.6970, -47.4990,
-3.7150

■ 32.0470, -33.7450,
0.3270

■ 17.7990, -21.1830,

3.9450

■ 3.6650, -8.9420,
7.8740

■ 0.0000, 0.0000,
0.0000

■ 172.4020,
-53.9180, -3.0220

■ 172.4020,
-53.9180, -3.0220

■ 160.8290,
-65.4260, -3.7140

■ 183.9750,
-42.4100, -2.3300

■ 149.5550,
-76.3380, -4.1940

■ 195.2490,
-31.4980, -1.8500

■ 137.9820,
-87.8460, -4.8860

■ 206.8220,
-19.9900, -1.1580

■ 126.4090,
-99.3540, -5.5780

■ 218.3950, -8.4820,
-0.4660

■ 114.8360,
-110.8620, -6.2700

■ 229.6690, 2.4300,
0.0140

■ 112.1670,
-113.2920, -6.2840

■ 241.2420, 13.9380,
0.7060

■ 245.9380, 11.7380,
-3.4780

■ 250.6340, 9.5380,
-7.6620

■ 251.8080, 8.9880,
-8.7080

Harmonies

Analogous

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



167.9030, -60.2430, -15.0510



172.4020, -53.9180, -3.0220



178.7410, -32.4630, 10.1370

Triad

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



172.4020, -53.9180, -3.0220



184.0530, 37.1800, 20.0280



175.6080, 3.2590, -20.5250

Complementary

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



172.4020, -53.9180, -3.0220



173.5980, 53.9180, 3.0220

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.



178.5570, 25.6320, -12.9920



172.4020, -53.9180, -3.0220



182.6650, 43.7840, 10.4720

Square

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



172.4020, -53.9180, -3.0220



184.5920, 19.6650, 23.5770



180.8350, 39.8890, -1.5430



171.9670, -22.7370, -22.9690

Rectangle

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



172.4020, -53.9180, -3.0220



182.1240, -14.3080, 17.0200



180.8350, 39.8890, -1.5430



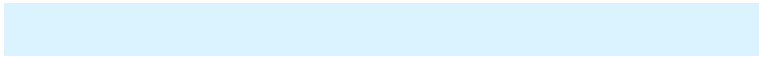
176.9680, 11.0530, -18.6030

Sweetspot

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



172.4020, -53.9180, -3.0220



236.6050, -17.8810, -0.8330



186.7280, -41.8980, -44.6660



116.7260, -10.9120, -0.4800



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.



172.4020, -53.9180, -3.0220



181.7080, -72.3950, -4.0670



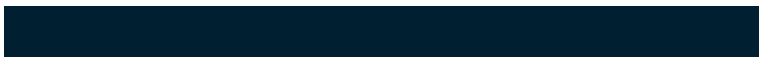
140.7040, -39.0680, 25.2200



106.3630, -5.4560, -0.2400



86.9820, -87.8460, -4.8860



23.6690, -23.9330, -1.2850

Inverse Universe

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



159.2720, 41.8980, 44.6660



164.0710, 56.2460, 59.9740



205.2960, 39.0680, -25.2200



105.0870, 4.3090, 4.5090



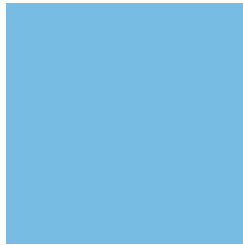
65.6200, 68.3020, 72.7660



17.8860, 18.6570, 19.8170

Previews

White Background



This preview shows how the YIQ color 172.4020, -53.9180, -3.0220 looks on a white background.

Color Contrast Check

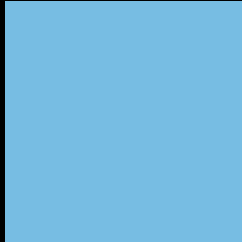
Large Text (above 18pt) WCAG AA × Fail

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 172.4020, -53.9180, -3.0220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

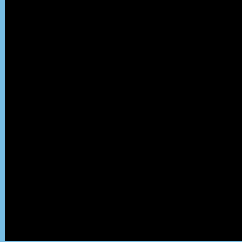
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.4020, -53.9180, -3.0220

Background



This preview shows how black text looks on a background with the YIQ color 172.4020, -53.9180, -3.0220.



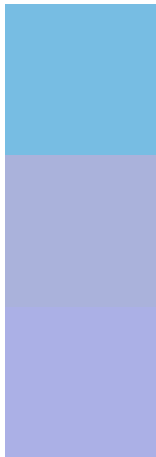
This preview shows how white text looks on a background with the YIQ color 172.4020, -53.9180, -3.0220.

-3.0220.

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

172.4020, -53.9180, -3.0220

Protanopia

180.2820, -17.9290, 11.0550

Deuteranopia

180.6610, -20.3140, 15.7340



Tritanopia

170.2030, -52.2200, -11.7720

Trichromacy



Original Color

172.4020, -53.9180, -3.0220

Protanomaly

177.2910, -31.3160, 5.8680

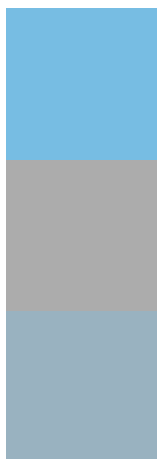
Deuteranomaly

177.8010, -32.6920, 8.7800

Tritanomaly

171.0120, -53.0000, -8.6480

Monochromacy



Original Color

172.4020, -53.9180, -3.0220

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.1210, -19.3940, -0.9460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.4020, -53.9180, -3.0220 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(119, 189, 227)` looks like.

```
.text, #text, p{  
    color:rgb(119, 189, 227)  
}
```

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(119, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 189, 227) }
```

Border

The CSS property to change the border of an element to YIQ 172.4020, -53.9180, -3.0220 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(119, 189, 227) }
```


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

```
.border{ border-color:rgb(119, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 189, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 189, 227);  
box-shadow:4px 4px 4px 4px rgb(119, 189,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 172.4020, -53.9180, -3.0220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 189, 227) }
```

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

```
.background{ background-color: rgb(119,  
189, 227) }
```

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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