

Converting Colors

YIQ(177.3170, -78.9040,
-12.7600)

Have a look what the booklet for
YIQ(177.3170, -78.9040, -12.7600)
contains.

YIQ(177.3170, -78.9040, -12.7600)	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(177.3170, -78.9040,
-12.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	5ECFF3
RGB	94, 207, 243
RGB Percent	37%, 81%, 95%
CMY	0.6316, 0.1880, 0.0474
CMYK	0.61, 0.15, 0.00, 0.05
HSL	194°, 86%, 66%
HSV	194°, 61%, 95%
XYZ	43.0985, 53.4909, 92.7784
YIQ	177.3170, -78.9040, -12.7600

Conversions

Conversions Part 2

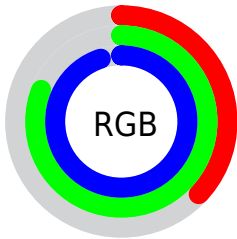
Format	Color
R _Y B	94, 158, 243
Decimal	6213619
CIE Lab	78.16, -21.75, -27.26
CIE LCh	78, 34.871, 231.413
Yxy	53.4909, 0.2276, 0.2825
Android (android.graphics.Color)	4284403699 (0xFF5ECFF3)
YUV	177.3170, 32.3817, -73.0690
Hunter-Lab	73.1375, -22.8039, -24.0160

Details

The YIQ color **177.3170, -78.9040, -12.7600** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **159.6830, 78.9040, 12.7600**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6980, -58.4080, -20.7760**, and **111.1290, -102.1020, -21.8620** is the 20% darker color. If you saturate the color by 10%, you get **166.6190, -91.5580, -14.7100**, and if you desaturate by 10%, it is **188.0150, -66.2500, -10.8100**.

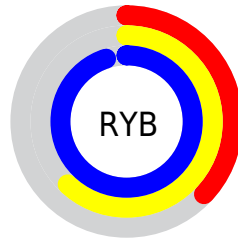
Distribution



Red (37%)

Green (81%)

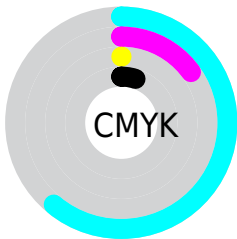
Blue (95%)



Red (37%)

Yellow (62%)

Blue (95%)

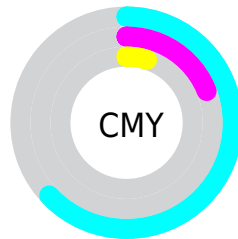


Cyan (61%)

Magenta (15%)

Yellow (0%)

Black (5%)



Cyan (63%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.3170, -78.9040, -12.7600 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 177.3170, -78.9040, -12.7600 by changing the saturation by 10% instead.

■ 177.3170,
-78.9040, -12.7600

■ 177.3170,
-78.9040, -12.7600

■ 255.0000, -0.0000,
-0.0000

■ 146.8110,
-83.3510, -14.7670

■ 225.3990,
-59.0040, -20.9880

■ 111.1290,
-102.1020, -21.8620

■ 234.6680,
-40.5280, -14.4160

■ 92.2020, -86.0100,
-16.1380

■ 243.6380,
-22.6480, -8.0560

■ 74.4490, -70.4680,
-11.4600

■ 252.9070, -4.1720,
-1.4840

■ 57.5110, -55.8430,
-6.6830

■ 41.2740, -41.8140,
-2.1180

■ 26.7980, -28.6100,

0.8780

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 177.3170,
-78.9040, -12.7600

■ 177.3170,
-78.9040, -12.7600

■ 166.6190,
-91.5580, -14.7100

■ 188.0150,
-66.2500, -10.8100

■ 155.6220,
-104.8080, -16.8720

■ 199.0120,
-53.0000, -8.6480

■ 145.5110,
-117.7370, -19.3450

■ 209.7100,
-40.3460, -6.6980

■ 135.7100,
-128.6030, -20.6590

■ 219.8210,
-27.4170, -4.2250

■ 230.5190,
-14.7630, -2.2750

■ 241.5160, -1.5130,
-0.1130

■ 249.5230, 5.7770,
-0.0710

■ 253.0450, 4.1270,
-3.2090

■ 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

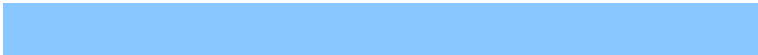
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174.7930, -74.9130, -24.5210



177.3170, -78.9040, -12.7600



186.5470, -55.5240, 4.0600

Triad

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



177.3170, -78.9040, -12.7600



198.0950, 37.3620, 27.7460



189.2690, 17.3350, -22.3210

Complementary

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



177.3170, -78.9040, -12.7600



159.6830, 78.9040, 12.7600

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.



192.0380, 40.3950, -10.7170



177.3170, -78.9040, -12.7600



195.5290, 50.3390, 18.3310

Square

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



177.3170, -78.9040, -12.7600



197.8500, 10.3110, 27.9030



194.4670, 52.9090, 4.7890



184.5950, -13.0620, -27.6060

Rectangle

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



177.3170, -78.9040, -12.7600



192.3050, -33.9310, 14.7170



194.4670, 52.9090, 4.7890



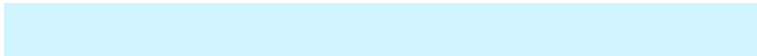
189.8680, 25.9540, -18.8300

Sweetspot

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



177.3170, -78.9040, -12.7600



234.7890, -24.3910, -3.9990



185.4530, -52.2100, -67.0420



115.2200, -15.3590, -2.4870



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.



177.3170, -78.9040, -12.7600



172.0740, -100.2690, -16.5330



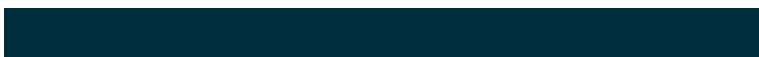
134.4660, -58.8290, 25.4190



116.6510, -6.3270, -0.9750



103.9710, -98.4810, -15.8970



33.1410, -31.3140, -5.1860

Inverse Universe

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



151.4330, 52.5310, 66.7310



138.9270, 66.4200, 84.8520



202.5340, 58.8290, -25.4190



114.6140, 4.2630, 5.3430



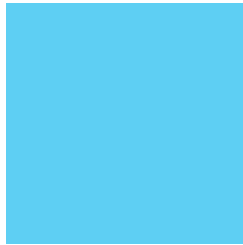
71.6880, 65.5950, 83.2830



22.7710, 20.7190, 26.5030

Previews

White Background



This preview shows how the YIQ color 177.3170, -78.9040, -12.7600 looks on a white background.

Color Contrast Check

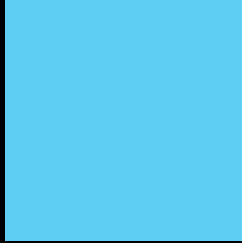
Large Text (above 18pt) WCAG AA × Fail

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 177.3170, -78.9040, -12.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

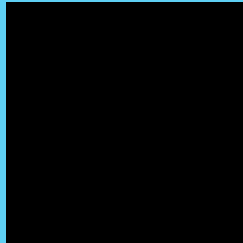
Any Text WCAG AA ✓ Pass

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 177.3170, -78.9040, -12.7600 Background



This preview shows how black text looks on a background with the YIQ color 177.3170, -78.9040, -12.7600.



This preview shows how white text looks on a background with the YIQ color 177.3170, -78.9040, -12.7600.

-12.7600.

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

177.3170, -78.9040, -12.7600

Protanopia

192.5810, -17.3330, 11.2670

Deuteranopia

193.5190, -22.7900, 16.5540



Tritanopia

174.8620, -79.3610, -21.0010

Trichromacy



Original Color

177.3170, -78.9040, -12.7600

Protanomaly

186.9910, -39.3390, 2.5890

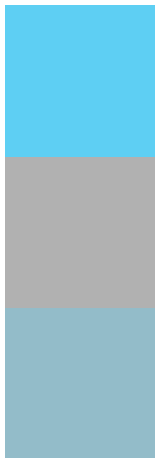
Deuteranomaly

187.9460, -43.4660, 5.7980

Tritanomaly

175.8560, -79.2240, -17.9760

Monochromacy



Original Color

177.3170, -78.9040, -12.7600

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.2230, -28.6090, -4.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.3170, -78.9040, -12.7600 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(94, 207, 243)` looks like.

```
.text, #text, p{  
    color:rgb(94, 207, 243)  
}
```

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(94, 207, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 207, 243) }
```

Border

The CSS property to change the border of an element to YIQ 177.3170, -78.9040, -12.7600 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(94, 207, 243) }
```


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

```
.border{ border-color:rgb(94, 207, 243) }
```

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

Here you see how a box with a 4 pixel rgb(94, 207, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 207, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 207, 243);  
box-shadow:4px 4px 4px 4px rgb(94, 207,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 177.3170, -78.9040, -12.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 207, 243) }
```

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

```
.background{ background-color: rgb(94, 207,  
243) }
```

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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