

Converting Colors

YIQ(143.6790, -73.4510, 4.0610)

Have a look what the booklet for
YIQ(143.6790, -73.4510, 4.0610)
contains.

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Color

**YIQ(143.6790, -73.4510,
4.0610)**

Conversions

Conversions Part 1

Format	Color
Hex	4CA1E8
RGB	76, 161, 232
RGB Percent	30%, 63%, 91%
CMY	0.7021, 0.3685, 0.0905
CMYK	0.67, 0.31, 0.00, 0.09
HSL	207°, 77%, 60%
HSV	207°, 67%, 91%
XYZ	30.2814, 32.8583, 81.0244
YIQ	143.6790, -73.4510, 4.0610

Conversions

Conversions Part 2

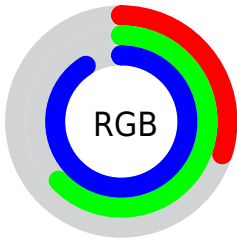
Format	Color
RYB	76, 131, 232
Decimal	5022184
CIELab	64.05, -3.53, -43.23
CIELCh	64, 43.371, 265.328
Yxy	32.8583, 0.2100, 0.2279
Android (android.graphics.Color)	4283212264 (0xFF4CA1E8)
YUV	143.6790, 43.5423, -59.3545
Hunter-Lab	57.3222, -6.0183, -43.6804

Details

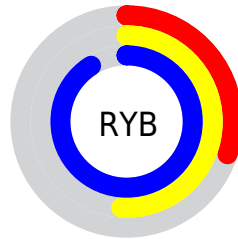
The YIQ color **143.6790, -73.4510, 4.0610** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **164.3210, 73.4510, -4.0610**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7220, -57.8150, -3.9830**, and **84.6340, -86.7460, -2.7940** is the 20% darker color. If you saturate the color by 10%, you get **130.3450, -84.1340, 4.9380**, and if you desaturate by 10%, it is **157.0130, -62.7680, 3.1840**.

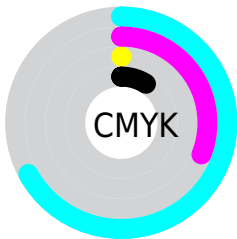
Distribution



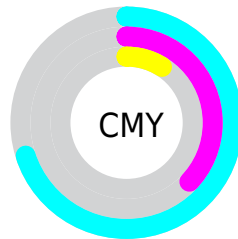
- Red (30%)
- Green (63%)
- Blue (91%)



- Red (30%)
- Yellow (51%)
- Blue (91%)



- Cyan (67%)
- Magenta (31%)
- Yellow (0%)
- Black (9%)



- Cyan (70%)
- Magenta (37%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 143.6790, -73.4510, 4.0610 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 143.6790, -73.4510, 4.0610 by changing the saturation by 10% instead.

■ 143.6790,
-73.4510, 4.0610

■ 143.6790,
-73.4510, 4.0610

■ 255.0000, -0.0000,
-0.0000

■ 112.9660,
-81.7490, 0.2590

■ 197.7220,
-57.8150, -3.9830

■ 84.6340, -86.7460,
-2.7940

■ 223.1280,
-47.6350, -12.2670

■ 67.4680, -71.4790,
1.3610

■ 238.5550,
-32.7800, -11.6600

■ 51.0030, -56.8080,
5.3040

■ 247.5250,
-14.9000, -5.3000

■ 35.7120, -42.6870,
8.2010

■ 21.2360, -29.4830,
11.1970

■ 8.0480, -17.1500,

13.4580

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 143.6790,
-73.4510, 4.0610

■ 143.6790,
-73.4510, 4.0610

■ 130.3450,
-84.1340, 4.9380

■ 157.0130,
-62.7680, 3.1840

■ 117.5980,
-95.0920, 5.2920

■ 169.7600,
-51.8100, 2.8300

■ 103.9650,
-106.3710, 5.9570

■ 183.3930,
-40.5310, 2.1650

■ 100.9970,
-109.3970, 5.7310

■ 196.1400,
-29.5730, 1.8110

■ 209.4740,
-18.8900, 0.9340

■ 222.2210, -7.9320,
0.5800

■ 235.5550, 2.7510,
-0.2970

■ 246.5080, 10.1330,
-1.9230

■ 252.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



124.6420, -116.7280, -21.1120



143.6790, -73.4510, 4.0610



156.4900, -23.8460, 24.6820

Triad

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



143.6790, -73.4510, 4.0610



156.2700, 61.4340, 21.0020



142.5180, -23.3310, -34.2350

Complementary

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



143.6790, -73.4510, 4.0610



164.3210, 73.4510, -4.0610

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.



148.7970, 15.5480, -28.4840



143.6790, -73.4510, 4.0610



154.7080, 59.4200, 2.4280

Square

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



143.6790, -73.4510, 4.0610



158.3460, 47.0810, 33.3290



152.4310, 43.4220, -16.0180



125.5770, -83.7130, -41.2570

Rectangle

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



143.6790, -73.4510, 4.0610



159.9620, 4.3040, 32.1440



152.4310, 43.4220, -16.0180



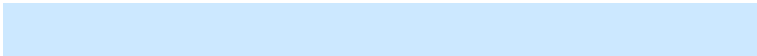
145.1730, -9.1180, -33.0060

Sweetspot

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



143.6790, -73.4510, 4.0610



226.2500, -24.0710, 1.2170



175.5520, -65.3700, -59.8180



110.5130, -14.6260, 0.7500



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.



143.6790, -73.4510, 4.0610



137.9290, -97.5220, 5.2780



98.4800, -52.2760, 44.3320



108.4770, -5.7770, 0.0710



77.3450, -84.1340, 4.9380



22.2500, -24.0710, 1.2170

Inverse Universe

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



132.3340, 65.6910, 59.5070



122.7750, 87.0990, 79.0270



209.5200, 52.2760, -44.3320



107.3860, 4.9050, 4.7210



64.5790, 75.5470, 68.1150



18.4410, 21.4080, 19.5200

Previews

White Background



This preview shows how the YIQ color 143.6790, -73.4510, 4.0610 looks on a white background.

Color Contrast Check

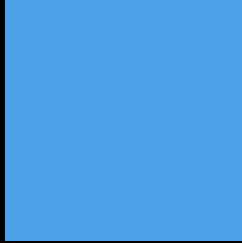
Large Text (above 18pt) WCAG AA × Fail

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 143.6790, -73.4510, 4.0610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

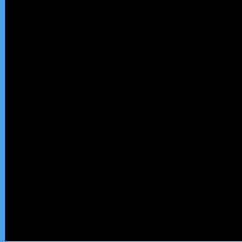
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

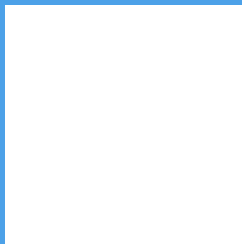
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 143.6790, -73.4510, 4.0610

Background



This preview shows how black text looks on a background with the YIQ color 143.6790, -73.4510, 4.0610.

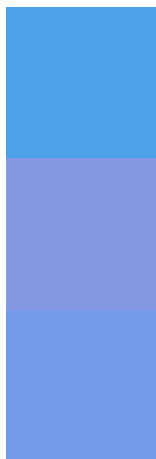


This preview shows how white text looks on a background with the YIQ color 143.6790, -73.4510,

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

143.6790, -73.4510, 4.0610

Protanopia

153.9290, -35.6280, 17.9400

Deuteranopia

152.0570, -47.7320, 17.0360



Tritanopia

134.2210, -78.9940, -22.1460

Trichromacy



Original Color

143.6790, -73.4510, 4.0610

Protanomaly

150.0520, -49.3360, 13.0640

Deuteranomaly

149.2190, -57.1760, 11.9760

Tritanomaly

137.6870, -77.0700, -12.9580

Monochromacy



Original Color

143.6790, -73.4510, 4.0610

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

143.6950, -26.8220, 1.5140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.6790, -73.4510, 4.0610 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(76, 161, 232)` looks like.

```
.text, #text, p{  
    color:rgb(76, 161, 232)  
}
```

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(76, 161, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 161, 232) }
```

Border

The CSS property to change the border of an element to YIQ 143.6790, -73.4510, 4.0610 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(76, 161, 232) }
```


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

```
.border{ border-color:rgb(76, 161, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 161, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 161, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 161, 232);  
box-shadow:4px 4px 4px 4px rgb(76, 161,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 143.6790, -73.4510, 4.0610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 161, 232) }
```

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

```
.background{ background-color: rgb(76, 161,  
232) }
```

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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