

Converting Colors

YIQ(113.3870, -74.7840,
22.7200)

Have a look what the booklet for
YIQ(113.3870, -74.7840, 22.7200)
contains.

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Color

**YIQ(113.3870, -74.7840,
22.7200)**

Conversions

Conversions Part 1

Format	Color
Hex	3877EB
RGB	56, 119, 235
RGB Percent	22%, 47%, 92%
CMY	0.7804, 0.5332, 0.0788
CMYK	0.76, 0.49, 0.00, 0.08
HSL	219°, 82%, 57%
HSV	219°, 76%, 92%
XYZ	23.2109, 20.0327, 81.1659
YIQ	113.3870, -74.7840, 22.7200

Conversions

Conversions Part 2

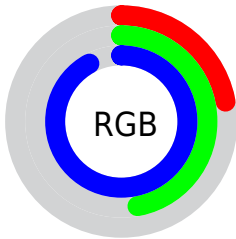
Format	Color
R _Y B	56, 103, 235
Decimal	3700715
CIE Lab	51.87, 19.97, -64.32
CIE LCh	52, 67.347, 287.246
Yxy	20.0327, 0.1866, 0.1610
Android (android.graphics.Color)	4281890795 (0xFF3877EB)
YUV	113.3870, 59.9552, -50.3284
Hunter-Lab	44.7579, 14.2419, -76.1886

Details

The YIQ color **113.3870, -74.7840, 22.7200** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **177.6130, 74.7840, -22.7200**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4200, -53.1880, 16.7960**, and **62.5560, -76.9380, 17.7020** is the 20% darker color. If you saturate the color by 10%, you get **97.7050, -84.3670, 25.6890**, and if you desaturate by 10%, it is **129.0690, -65.2010, 19.7510**.

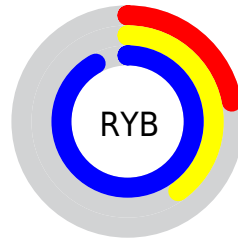
Distribution



Red (22%)

Green (47%)

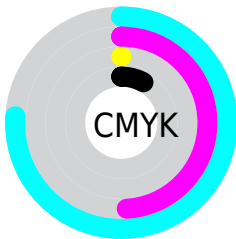
Blue (92%)



Red (22%)

Yellow (40%)

Blue (92%)

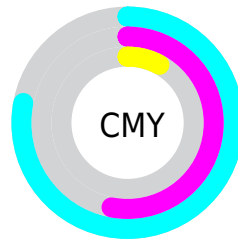


Cyan (76%)

Magenta (49%)

Yellow (0%)

Black (8%)



Cyan (78%)

Magenta (53%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.3870, -74.7840, 22.7200 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 113.3870, -74.7840, 22.7200 by changing the saturation by 10% instead.

■ 113.3870,
-74.7840, 22.7200

■ 113.3870,
-74.7840, 22.7200

■ 255.0000, -0.0000,
-0.0000

■ 79.2490, -92.2510,
14.3810

■ 167.4200,
-53.1880, 16.7960

■ 62.5560, -76.9380,
17.7020

■ 192.5380,
-42.1370, 9.2470

■ 46.5640, -62.2210,
20.8110

■ 218.2430,
-31.3610, 1.1750

■ 32.3330, -48.3290,
22.3510

■ 243.9480,
-20.5850, -6.8970

■ 15.3950, -33.7040,
27.1280

■ 253.8040, -2.3840,
-0.8480

■ 13.7190, -26.2290,
18.3070

■ 8.0480, -17.1500,

13.4580

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 113.3870,
-74.7840, 22.7200

■ 113.3870,
-74.7840, 22.7200

■ 97.7050, -84.3670,
25.6890

■ 129.0690,
-65.2010, 19.7510

■ 81.7240, -94.5460,
28.4460

■ 145.0500,
-55.0220, 16.9940

■ 75.5110, -98.2600,
29.6760

■ 161.3190,
-45.7140, 13.5020

■ 177.3000,
-35.5350, 10.7450

■ 192.9820,
-25.9520, 7.7760

■ 208.9630,
-15.7730, 5.0190

■ 225.2320, -6.4650,
1.5270

■ 241.2130, 3.7140,
-1.2300

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



108.0240, -114.0270, 1.5330



113.3870, -74.7840, 22.7200



126.4920, 9.3440, 50.9440

Triad

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



113.3870, -74.7840, 22.7200



116.8210, 87.2030, 11.0350



97.8200, -71.5160, -47.5480

Complementary

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



113.3870, -74.7840, 22.7200



177.6130, 74.7840, -22.7200

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.



99.4180, -26.7660, -54.5900



113.3870, -74.7840, 22.7200



116.2750, 69.9240, -22.7480

Square

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



113.3870, -74.7840, 22.7200



113.6840, 87.4720, 44.7200



112.1790, 34.3030, -43.4970



105.2470, -91.0510, -29.4110

Rectangle

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



113.3870, -74.7840, 22.7200



121.3410, 46.6180, 58.2500



112.1790, 34.3030, -43.4970



94.9530, -64.8210, -53.2450

Sweetspot

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



113.3870, -74.7840, 22.7200



215.0530, -24.7140, 7.3660



173.9550, -85.4980, -58.4740



103.1480, -14.8560, 4.9200



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.



113.3870, -74.7840, 22.7200



97.5820, -97.0220, 29.2660



83.5820, -43.1550, 60.7570



109.6020, -4.6310, 1.3290



58.2020, -75.7010, 22.8190



17.3090, -22.5590, 6.8570

Inverse Universe

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



116.7030, 86.4610, 57.5410



101.7160, 111.9500, 74.6860



207.4180, 43.1550, -60.7570



109.7450, 5.2720, 3.5760



61.4150, 87.3320, 58.2760



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 113.3870, -74.7840, 22.7200 looks on a white background.

Color Contrast Check

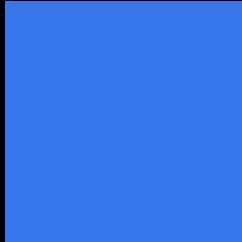
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3870, -74.7840, 22.7200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

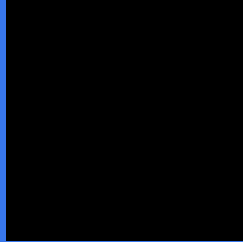
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

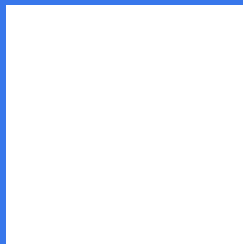
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 113.3870, -74.7840, 22.7200

Background



This preview shows how black text looks on a background with the YIQ color 113.3870, -74.7840, 22.7200.



This preview shows how white text looks on a background with the YIQ color 113.3870, -74.7840, 22.7200.

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

113.3870, -74.7840, 22.7200

Protanopia

113.6860, -74.1880, 22.9320

Deuteranopia

98.4550, -104.9950, 3.0450



Tritanopia

96.4760, -84.2660, -25.7220

Trichromacy



Original Color

113.3870, -74.7840, 22.7200

Protanomaly

113.6860, -74.1880, 22.9320

Deuteranomaly

103.8310, -94.1300, 9.8860

Tritanomaly

102.5820, -80.9680, -8.3920

Monochromacy



Original Color

113.3870, -74.7840, 22.7200

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9110, -27.1900, 8.1860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3870, -74.7840, 22.7200 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(56, 119, 235)` looks like.

```
.text, #text, p{  
    color:rgb(56, 119, 235)  
}
```

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(56, 119, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 119, 235) }
```

Border

The CSS property to change the border of an element to YIQ 113.3870, -74.7840, 22.7200 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(56, 119, 235) }
```


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

```
.border{ border-color:rgb(56, 119, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 119, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 119, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 119, 235);  
box-shadow:4px 4px 4px 4px rgb(56, 119,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3870, -74.7840, 22.7200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 119, 235) }
```

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

```
.background{ background-color: rgb(56, 119,  
235) }
```

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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