

Converting Colors

YIQ(153.9030, -41.9070, 5.0770)

Have a look what the booklet for
YIQ(153.9030, -41.9070, 5.0770)
contains.

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Color

**YIQ(153.9030, -41.9070,
5.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	75A2D1
RGB	117, 162, 209
RGB Percent	46%, 64%, 82%
CMY	0.5412, 0.3646, 0.1806
CMYK	0.44, 0.22, 0.00, 0.18
HSL	211°, 50%, 64%
HSV	211°, 44%, 82%
XYZ	31.7594, 34.2288, 65.2210
YIQ	153.9030, -41.9070, 5.0770

Conversions

Conversions Part 2

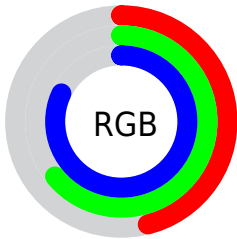
Format	Color
RYB	117, 147, 209
Decimal	7709393
CIELab	65.14, -2.80, -28.69
CIELCh	65, 28.826, 264.433
Yxy	34.2288, 0.2421, 0.2609
Android (android.graphics.Color)	4285899473 (0xFF75A2D1)
YUV	153.9030, 27.1628, -32.3639
Hunter-Lab	58.5054, -5.4866, -25.1419

Details

The YIQ color **153.9030, -41.9070, 5.0770** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **172.0970, 41.9070, -5.0770**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **208.1760, -38.4220, 2.4900**, and **101.2510, -43.0070, 2.9850** is the 20% darker color. If you saturate the color by 10%, you get **141.1670, -51.3980, 6.3780**, and if you desaturate by 10%, it is **166.6390, -32.4160, 3.7760**.

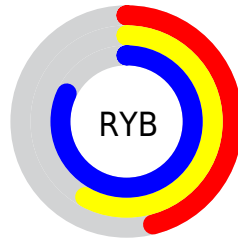
Distribution



Red (46%)

Green (64%)

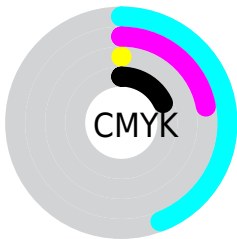
Blue (82%)



Red (46%)

Yellow (58%)

Blue (82%)

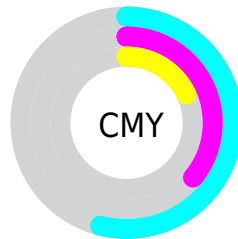


Cyan (44%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (54%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 153.9030, -41.9070, 5.0770 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 153.9030, -41.9070, 5.0770 by changing the saturation by 10% instead.

■ 153.9030,
-41.9070, 5.0770

■ 153.9030,
-41.9070, 5.0770

■ 255.0000, -0.0000,
-0.0000

■ 127.3760,
-41.8610, 4.2430

■ 208.1760,
-38.4220, 2.4900

■ 101.2510,
-43.0070, 2.9850

■ 232.9840,
-29.4340, -6.2180

■ 74.3430, -46.2620,
1.4020

■ 247.5250,
-14.9000, -5.3000

■ 48.7230, -50.3880,
-0.9160

■ 33.6600, -36.9090,
2.6030

■ 18.7110, -23.7510,
6.4330

■ 5.0500, -11.4640,

9.5280

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 153.9030,
-41.9070, 5.0770

■ 153.9030,
-41.9070, 5.0770

■ 141.1670,
-51.3980, 6.3780

■ 166.6390,
-32.4160, 3.7760

■ 129.0180,
-61.1640, 7.1560

■ 178.7880,
-22.6500, 2.9980

■ 116.2820,
-70.6550, 8.4570

■ 191.5240,
-13.1590, 1.6970

■ 103.5460,
-80.1460, 9.7580

■ 204.2600, -3.6680,
0.3960

■ 91.6960, -89.3160,
10.7480

■ 216.1100, 5.5020,
-0.5940

■ 83.7000, -95.1390,
11.6530

■ 228.8460, 14.9930,
-1.8950

■ 239.1900, 19.7160,
-4.8920

■ 245.0600, 16.9660,
-10.1220

■ 249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



147.0050, -60.2900, -8.6900



153.9030, -41.9070, 5.0770



159.5260, -15.5000, 16.5960

Triad

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



153.9030, -41.9070, 5.0770



160.7020, 42.3620, 14.2180



150.7570, -13.3380, -22.6020

Complementary

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



153.9030, -41.9070, 5.0770



172.0970, 41.9070, -5.0770

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.



154.3810, 11.3280, -18.0800



153.9030, -41.9070, 5.0770



158.8400, 41.4930, 2.4290

Square

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



153.9030, -41.9070, 5.0770



161.5840, 31.3110, 21.7670



157.3020, 30.9040, -9.4160



146.6970, -39.4720, -22.5440

Rectangle

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



153.9030, -41.9070, 5.0770



161.4420, 2.4720, 21.2880



157.3020, 30.9040, -9.4160



152.1880, -4.3060, -21.0900

Sweetspot

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



153.9030, -41.9070, 5.0770



235.1540, -14.9930, 1.8950



176.2480, -40.0660, -33.8100



115.2640, -9.4910, 1.3010



0.0000, 0.0000, 0.0000



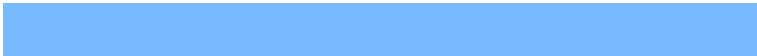
128.0000, -0.0000, -0.0000

Same Dimension

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



153.9030, -41.9070, 5.0770



174.1320, -61.4850, 7.4670



127.4880, -29.5320, 28.6120



98.1890, -4.9060, 0.8060



67.2860, -76.4780, 9.3620



16.4140, -18.6610, 2.2910

Inverse Universe

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



149.6380, 40.3870, 33.4990



167.8890, 59.2740, 49.1460



198.5120, 29.5320, -28.6120



97.8590, 4.9510, 3.8870



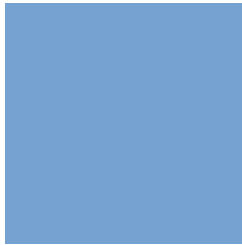
59.5800, 73.8060, 61.1180



14.5390, 18.0160, 14.9120

Previews

White Background



This preview shows how the YIQ color 153.9030, -41.9070, 5.0770 looks on a white background.

Color Contrast Check

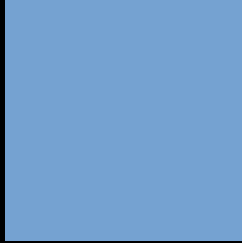
Large Text (above 18pt) WCAG AA × Fail

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 153.9030, -41.9070, 5.0770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

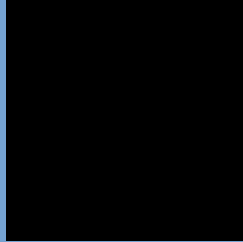
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.9030, -41.9070, 5.0770

Background



This preview shows how black text looks on a background with the YIQ color 153.9030, -41.9070, 5.0770.

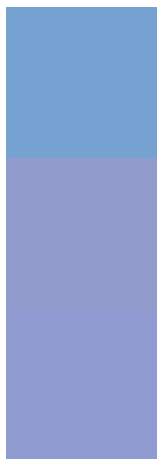


This preview shows how white text looks on a background with the YIQ color 153.9030, -41.9070,

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

153.9030, -41.9070, 5.0770

Protanopia

158.1830, -21.9640, 12.5960

Deuteranopia

157.9810, -24.2110, 14.7730



Tritanopia

151.2540, -39.0620, -7.9420

Trichromacy



Original Color

153.9030, -41.9070, 5.0770

Protanomaly

156.5950, -29.1160, 10.0520

Deuteranomaly

156.7520, -30.9960, 11.0840

Tritanomaly

152.1170, -39.9340, -3.1500

Monochromacy



Original Color

153.9030, -41.9070, 5.0770

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1540, -14.9930, 1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.9030, -41.9070, 5.0770 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(117, 162, 209)` looks like.

```
.text, #text, p{  
    color:rgb(117, 162, 209)  
}
```

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(117, 162, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 162, 209) }
```

Border

The CSS property to change the border of an element to YIQ 153.9030, -41.9070, 5.0770 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(117, 162, 209) }
```


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

```
.border{ border-color:rgb(117, 162, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 162, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 162, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 162, 209);  
box-shadow:4px 4px 4px 4px rgb(117, 162,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 153.9030, -41.9070, 5.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 162, 209) }
```

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

```
.background{ background-color: rgb(117,  
162, 209) }
```

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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