

Converting Colors

YIQ(161.7390, -20.9540, 5.3020)

Have a look what the booklet for
YIQ(161.7390, -20.9540, 5.3020)
contains.

YIQ(161.7390, -20.9540, 5.3020)	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(161.7390, -20.9540,
5.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	91A4C2
RGB	145, 164, 194
RGB Percent	57%, 64%, 76%
CMY	0.4314, 0.3568, 0.2393
CMYK	0.25, 0.15, 0.00, 0.24
HSL	217°, 29%, 66%
HSV	217°, 25%, 76%
XYZ	34.6873, 36.4668, 56.2335
YIQ	161.7390, -20.9540, 5.3020

Conversions

Conversions Part 2

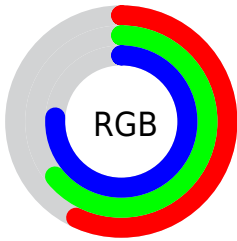
Format	Color
RYB	145, 159, 194
Decimal	9544898
CIELab	66.88, 0.09, -17.58
CIElCh	67, 17.575, 270.300
Yxy	36.4668, 0.2723, 0.2863
Android (android.graphics.Color)	4287734978 (0xFF91A4C2)
YUV	161.7390, 15.9047, -14.6801
Hunter-Lab	60.3877, -3.1463, -12.9399

Details

The YIQ color **161.7390, -20.9540, 5.3020** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **177.2610, 20.9540, -5.3020**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9670, -21.5960, 5.9240**, and **109.5110, -20.3120, 4.6800** is the 20% darker color. If you saturate the color by 10%, you get **149.0140, -28.9780, 7.5500**, and if you desaturate by 10%, it is **174.4640, -12.9300, 3.0540**.

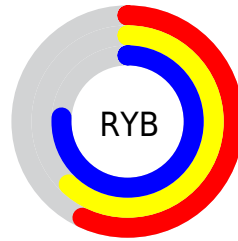
Distribution



Red (57%)

Green (64%)

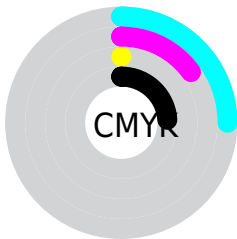
Blue (76%)



Red (57%)

Yellow (62%)

Blue (76%)

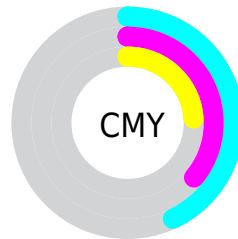


Cyan (25%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.7390, -20.9540, 5.3020 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 161.7390, -20.9540, 5.3020 by changing the saturation by 10% instead.

■ 161.7390,
-20.9540, 5.3020

■ 161.7390,
-20.9540, 5.3020

■ 255.0000, -0.0000,
-0.0000

■ 135.6250,
-20.6330, 4.9910

■ 216.9670,
-21.5960, 5.9240

■ 109.5110,
-20.3120, 4.6800

■ 242.2310,
-13.8920, -1.5400

■ 85.3970, -19.9910,
4.3690

■ 61.8700, -19.9450,
3.5350

■ 39.1580, -20.8160,
2.8000

■ 17.9300, -20.1740,
2.1780

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 161.7390,
-20.9540, 5.3020

■ 161.7390,
-20.9540, 5.3020

■ 149.0140,
-28.9780, 7.5500

■ 174.4640,
-12.9300, 3.0540

■ 135.9900,
-37.5980, 9.5860

■ 187.4880, -4.3100,
1.0180

■ 123.2650,
-45.6220, 11.8340

■ 200.2130, 3.7140,
-1.2300

■ 110.8280,
-54.5170, 13.3470

■ 212.6500, 12.6090,
-2.7430

■ 98.1030, -62.5410,
15.5950

■ 225.3750, 20.6330,
-4.9910

■ 85.3780, -70.5650,
17.8430

■ 236.3060, 25.0810,
-8.5110

■ 72.3540, -79.1850,
19.8790

■ 243.3500, 21.7810,
-14.7870

■ 66.1410, -82.8990,
21.1090

■ 248.0460, 19.5810,
-18.9710

Harmonies

Analogous

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



158.8360, -31.7730, -2.3730



161.7390, -20.9540, 5.3020



164.6270, -5.7790, 11.1250

Triad

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



161.7390, -20.9540, 5.3020



164.8740, 26.9580, 7.0380



158.4080, -10.4970, -13.5130

Complementary

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



161.7390, -20.9540, 5.3020



177.2610, 20.9540, -5.3020

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.



160.6610, 4.9080, -11.8600



161.7390, -20.9540, 5.3020



163.2880, 25.4920, 0.5640

Square

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



161.7390, -20.9540, 5.3020



165.8120, 21.5010, 12.3250



162.3530, 17.6990, -6.8850



156.8070, -24.8020, -13.0740

Rectangle

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



161.7390, -20.9540, 5.3020



165.0690, 4.7200, 13.5840



162.3530, 17.6990, -6.8850



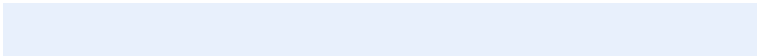
158.7460, -5.6370, -13.4850

Sweetspot

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



161.7390, -20.9540, 5.3020



238.9760, -8.6200, 2.0360



177.0690, -22.7840, -16.6080



119.4170, -5.5480, 1.4280



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.



161.7390, -20.9540, 5.3020



202.5730, -32.0500, 8.1580



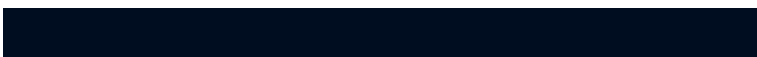
152.0810, -12.7490, 16.2990



90.4880, -4.3100, 1.0180



54.7480, -68.7310, 17.6450



11.3930, -14.1680, 3.4640

Inverse Universe

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



161.8170, 23.1050, 16.2970



202.7310, 35.3910, 24.9190



186.9190, 12.7490, -16.2990



90.4460, 4.6760, 3.3640



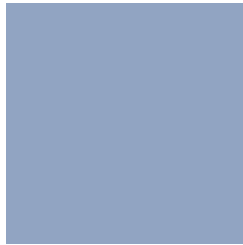
55.2070, 76.0540, 53.4140



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 161.7390, -20.9540, 5.3020 looks on a white background.

Color Contrast Check

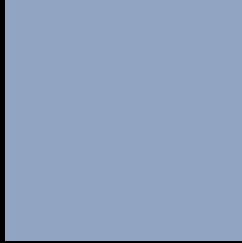
Large Text (above 18pt) WCAG AA × Fail

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 161.7390, -20.9540, 5.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

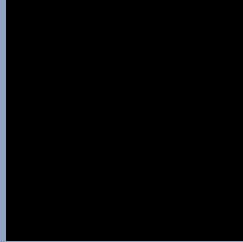
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

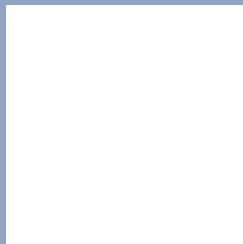
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 161.7390, -20.9540, 5.3020

Background



This preview shows how black text looks on a background with the YIQ color 161.7390, -20.9540, 5.3020.



This preview shows how white text looks on a background with the YIQ color 161.7390, -20.9540,

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

161.7390, -20.9540, 5.3020

Protanopia

163.0390, -12.9310, 8.5810

Deuteranopia

164.0010, -9.7680, 11.8320



Tritanopia

160.4200, -18.7980, -0.7340

Trichromacy



Original Color

161.7390, -20.9540, 5.3020

Protanomaly

162.5440, -15.9110, 7.5210

Deuteranomaly

163.3810, -13.8940, 9.5140

Tritanomaly

160.7020, -19.5320, 1.5560

Monochromacy



Original Color

161.7390, -20.9540, 5.3020

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

162.1610, -7.7030, 1.9370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.7390, -20.9540, 5.3020 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(145, 164, 194)` looks like.

```
.text, #text, p{  
    color:rgb(145, 164, 194)  
}
```

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(145, 164, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 164, 194) }
```

Border

The CSS property to change the border of an element to YIQ 161.7390, -20.9540, 5.3020 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(145, 164, 194) }
```


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

```
.border{ border-color:rgb(145, 164, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 164, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 164, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 164, 194);  
box-shadow:4px 4px 4px 4px rgb(145, 164,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 161.7390, -20.9540, 5.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 164, 194) }
```

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

```
.background{ background-color: rgb(145,  
164, 194) }
```

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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