

Converting Colors

YIQ(170.9240, -20.0370, 5.2030)

Have a look what the booklet for
YIQ(170.9240, -20.0370, 5.2030)
contains.

YIQ(170.9240, -20.0370, 5.2030)	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(170.9240, -20.0370,
5.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	9BADCA
RGB	155, 173, 202
RGB Percent	61%, 68%, 79%
CMY	0.3922, 0.3215, 0.2079
CMYK	0.23, 0.14, 0.00, 0.21
HSL	217°, 31%, 70%
HSV	217°, 23%, 79%
XYZ	39.1190, 41.1210, 61.7363
YIQ	170.9240, -20.0370, 5.2030

Conversions

Conversions Part 2

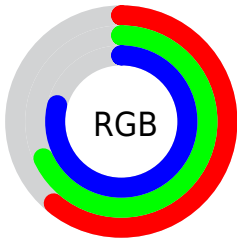
Format	Color
RYB	155, 168, 202
Decimal	10202570
CIELab	70.26, 0.11, -16.81
CIELCh	70, 16.810, 270.375
Yxy	41.1210, 0.2755, 0.2896
Android (android.graphics.Color)	4288392650 (0xFF9BADCA)
YUV	170.9240, 15.3205, -13.9653
Hunter-Lab	64.1257, -3.3285, -12.1928

Details

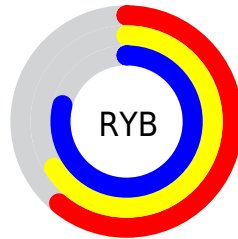
The YIQ color $170.9240, -20.0370, 5.2030$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $186.0760, 20.0370, -5.2030$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.6960, -19.3950, 4.5810$, and $118.6960, -19.3950, 4.5810$ is the 20% darker color. If you saturate the color by 10%, you get $157.9000, -28.6570, 7.2390$, and if you desaturate by 10%, it is $183.9480, -11.4170, 3.1670$.

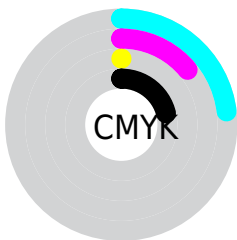
Distribution



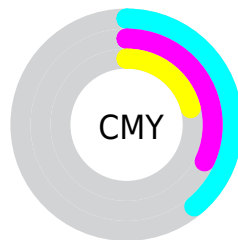
- Red (61%)
- Green (68%)
- Blue (79%)



- Red (61%)
- Yellow (66%)
- Blue (79%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (39%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.9240, -20.0370, 5.2030 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 170.9240, -20.0370, 5.2030 by changing the saturation by 10% instead.

■ 170.9240,
-20.0370, 5.2030

■ 170.9240,
-20.0370, 5.2030

■ 255.0000, -0.0000,
-0.0000

■ 144.2230,
-19.4410, 5.4150

■ 225.6960,
-19.3950, 4.5810

■ 118.6960,
-19.3950, 4.5810

■ 250.2160, -9.5360,
-3.3920

■ 93.5820, -19.0740,
4.2700

■ 69.4680, -18.7530,
3.9590

■ 46.9410, -18.7070,
3.1250

■ 24.6310, -20.7700,
1.9660

■ 5.1810, -10.4550,

7.7610

■ 0.0000, 0.0000,
0.0000

■ 170.9240,
-20.0370, 5.2030

■ 170.9240,
-20.0370, 5.2030

■ 157.9000,
-28.6570, 7.2390

■ 183.9480,
-11.4170, 3.1670

■ 144.2890,
-37.0020, 9.7980

■ 197.5590, -3.0720,
0.6080

■ 130.9660,
-46.2180, 11.6220

■ 210.8820, 6.1440,
-1.2160

■ 117.3550,
-54.5630, 14.1810

■ 224.4930, 14.4890,
-3.7750

■ 104.3310,
-63.1830, 16.2170

■ 237.2180, 22.5130,
-6.0230

■ 90.7200, -71.5280,
18.7760

■ 244.8490, 18.9380,
-12.8220

■ 77.6960, -80.1480,
20.8120

■ 248.9580, 17.0130,
-16.4830

■ 68.2270, -86.0170,
22.5510

Harmonies

Analogous

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



167.7330, -29.9850, -1.7370



170.9240, -20.0370, 5.2030



173.5130, -5.4580, 10.8140

Triad

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



170.9240, -20.0370, 5.2030



173.9880, 26.6370, 7.3490



167.7070, -9.9010, -13.3010

Complementary

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



170.9240, -20.0370, 5.2030



186.0760, 20.0370, -5.2030

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.



169.7750, 4.5870, -11.5490



170.9240, -20.0370, 5.2030



172.9890, 24.8960, 0.3520

Square

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



170.9240, -20.0370, 5.2030



174.5130, 20.9050, 12.1130



171.4670, 17.3780, -6.5740



166.4050, -23.6100, -12.6500

Rectangle

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



170.9240, -20.0370, 5.2030



174.5420, 4.7660, 12.7500



171.4670, 17.3780, -6.5740



168.1590, -5.3620, -12.9620

Sweetspot

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



170.9240, -20.0370, 5.2030



243.1610, -7.7030, 1.9370



185.7810, -21.9130, -15.8730



120.6020, -4.6310, 1.3290



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.



170.9240, -20.0370, 5.2030



207.9430, -30.2160, 7.9600



161.8530, -12.1070, 15.6770



95.4880, -4.3100, 1.0180



56.4920, -70.8860, 18.1540



13.1370, -16.3230, 3.9730

Inverse Universe

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



171.1050, 22.2340, 15.5620



208.3070, 33.6490, 23.4490



195.1470, 12.1070, -15.6770



95.4460, 4.6760, 3.3640



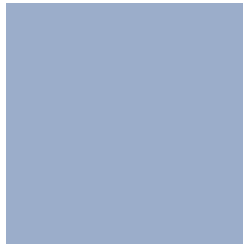
56.9300, 78.3920, 55.0960



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 170.9240, -20.0370, 5.2030 looks on a white background.

Color Contrast Check

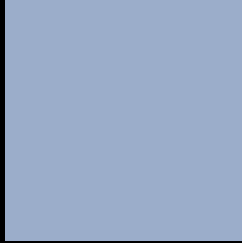
Large Text (above 18pt) WCAG AA × Fail

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 170.9240, -20.0370, 5.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

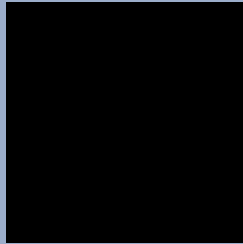
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.9240, -20.0370, 5.2030

Background



This preview shows how black text looks on a background with the YIQ color 170.9240, -20.0370, 5.2030.



This preview shows how white text looks on a background with the YIQ color 170.9240, -20.0370,

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

170.9240, -20.0370, 5.2030

Protanopia

172.2240, -12.0140, 8.4820

Deuteranopia

173.4850, -8.2550, 11.9450



Tritanopia

169.7190, -18.2020, -0.5220

Trichromacy



Original Color

170.9240, -20.0370, 5.2030

Protanomaly

171.7290, -14.9940, 7.4220

Deuteranomaly

172.5660, -12.9770, 9.4150

Tritanomaly

170.0010, -18.9360, 1.7680

Monochromacy



Original Color

170.9240, -20.0370, 5.2030

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.0470, -7.3820, 1.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.9240, -20.0370, 5.2030 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(155, 173, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 173, 202)  
}
```

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(155, 173, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 173, 202) }
```

Border

The CSS property to change the border of an element to YIQ 170.9240, -20.0370, 5.2030 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(155, 173, 202) }
```


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

```
.border{ border-color:rgb(155, 173, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 173, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 173, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 173, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 173,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 170.9240, -20.0370, 5.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 173, 202) }
```

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

```
.background{ background-color: rgb(155,  
173, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor