

Converting Colors

YIQ(59.7920, -2.1100, 5.2020)

Have a look what the booklet for
YIQ(59.7920, -2.1100, 5.2020)
contains.

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Color

**YIQ(59.7920, -2.1100,
5.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	3D3947
RGB	61, 57, 71
RGB Percent	24%, 22%, 28%
CMY	0.7608, 0.7765, 0.7216
CMYK	0.14, 0.20, 0.00, 0.72
HSL	257°, 11%, 25%
HSV	257°, 20%, 28%
XYZ	4.5250, 4.3732, 6.5660
YIQ	59.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

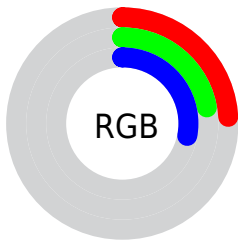
Format	Color
RYB	61, 57, 71
Decimal	4012359
CIELab	24.87, 5.06, -7.97
CIElCh	25, 9.436, 302.411
Yxy	4.3732, 0.2926, 0.2828
Android (android.graphics.Color)	4282202439 (0xFF3D3947)
YUV	59.7920, 5.5255, 1.0594
Hunter-Lab	20.9122, 2.0273, -3.9774

Details

The YIQ color **59.7920, -2.1100, 5.2020** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **68.2080, 2.1100, -5.2020**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.2050, -1.8350, 5.7250**, and **17.0910, -1.5140, 5.4140** is the 20% darker color. If you saturate the color by 10%, you get **54.1880, -3.1650, 7.8030**, and if you desaturate by 10%, it is **65.3960, -1.0550, 2.6010**.

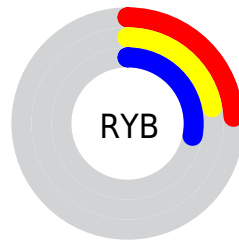
Distribution



 Red (24%)

 Green (22%)

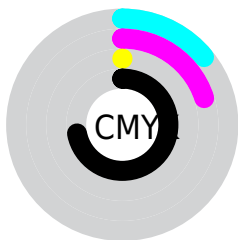
 Blue (28%)





 Red (24%)

 Yellow (22%)

 Blue (28%)

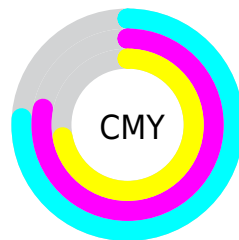


 Cyan (14%)

 Magenta (20%)

 Yellow (0%)

 Black (72%)



 Cyan (76%)

 Magenta (78%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.7920, -2.1100, 5.2020 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 59.7920, -2.1100, 5.2020 by changing the saturation by 10% instead.

■ 59.7920, -2.1100,
5.2020

■ 59.7920, -2.1100,
5.2020

■ 255.0000, -0.0000,
-0.0000

■ 38.3790, -2.3850,
4.6790

■ 107.2050, -1.8350,
5.7250

■ 17.0910, -1.5140,
5.4140

■ 132.3190, -2.1560,
6.0360

■ 0.0000, 0.0000,
0.0000

■ 158.4330, -2.4770,
6.3470

■ 185.4330, -2.4770,
6.3470

■ 212.8460, -2.2020,
6.8700

■ 241.4330, -2.4770,

■ 59.7920, -2.1100,
5.2020

■ 59.7920, -2.1100,
5.2020

■ 54.1880, -3.1650,
7.8030

■ 65.3960, -1.0550,
2.6010

■ 48.5840, -4.2200,
10.4040

■ 71.0000, -0.0000,
-0.0000

■ 42.9800, -5.2750,
13.0050

■ 76.6040, 1.0550,
-2.6010

■ 37.3760, -6.3300,
15.6060

■ 82.2080, 2.1100,
-5.2020

■ 31.7720, -7.3850,
18.2070

■ 87.8120, 3.1650,
-7.8030

■ 25.5810, -8.1650,
21.3310

■ 94.0030, 3.9450,
-10.9270

■ 19.9770, -9.2200,
23.9320

■ 99.6070, 5.0000,
-13.5280

■ 14.0740, -10.8710,
26.3210

■ 105.5100, 6.6510,
-15.9170

■ 111.1140, 7.7060,
-18.5180

Harmonies

Analogous

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



58.5030, -8.6660, 2.8700



59.7920, -2.1100, 5.2020



60.4400, 4.8130, 6.3890

Triad

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



59.7920, -2.1100, 5.2020



59.1600, 11.2330, 0.1690



56.2650, -11.2320, -5.6960

Complementary

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



59.7920, -2.1100, 5.2020



68.2080, 2.1100, -5.2020

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.



56.6740, -5.1340, -6.0780



59.7920, -2.1100, 5.2020



58.8990, 7.4740, -3.2940

Square

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



59.7920, -2.1100, 5.2020



60.3390, 12.2870, 3.0950



57.9090, 1.5140, -5.4140



56.4650, -14.6710, -3.9430

Rectangle

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



59.7920, -2.1100, 5.2020



60.1800, 8.4810, 5.9930



57.9090, 1.5140, -5.4140



56.3360, -9.9940, -6.1060

Sweetspot

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



59.7920, -2.1100, 5.2020



87.2820, -0.7340, 2.2900



64.4660, -7.2440, -0.8760



43.6410, -0.3670, 1.1450



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



59.7920, -2.1100, 5.2020



74.3020, -3.4860, 8.1140



61.8850, 2.0620, 6.6860



32.7550, -0.6880, 1.4560



19.6580, -15.0910, 36.7250



45.3130, -34.1270, 84.3770

Inverse Universe

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



62.3260, 5.1340, 6.0780



78.2880, 8.2970, 9.3290



66.1150, -2.0620, -6.6860



33.5380, 1.4210, 1.7810



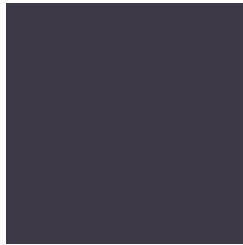
37.6950, 36.2130, 43.0690



86.3410, 83.2900, 98.5060

Previews

White Background



This preview shows how the YIQ color 59.7920, -2.1100, 5.2020 looks on a white background.

Color Contrast Check

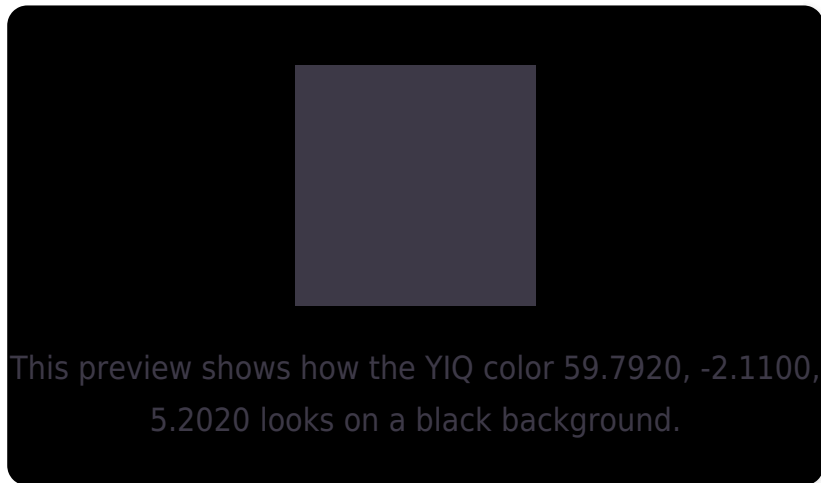
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

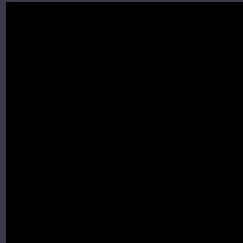
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.7920, -2.1100, 5.2020

Background



This preview shows how black text looks on a background with the YIQ color 59.7920, -2.1100, 5.2020.

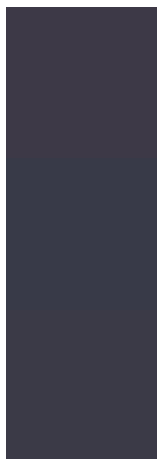


This preview shows how white text looks on a background with the YIQ color 59.7920, -2.1100,

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

59.7920, -2.1100, 5.2020

Protanopia

58.9980, -5.6860, 3.9300

Deuteranopia

59.7810, -3.5770, 4.2550



Tritanopia

59.1680, -0.4130, 1.9790

Trichromacy



Original Color

59.7920, -2.1100, 5.2020

Protanomaly

59.5960, -4.4940, 4.3540

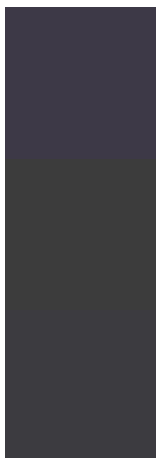
Deuteranomaly

60.0800, -2.9810, 4.4670

Tritanomaly

59.5100, -1.3760, 2.9120

Monochromacy



Original Color

59.7920, -2.1100, 5.2020

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.8690, -1.0090, 1.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.7920, -2.1100, 5.2020 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(61, 57, 71)` looks like.

```
.text, #text, p{  
    color:rgb(61, 57, 71)  
}
```

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(61, 57, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 57, 71) }
```

Border

The CSS property to change the border of an element to YIQ 59.7920, -2.1100, 5.2020 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(61, 57, 71) }
```


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

```
.border{ border-color:rgb(61, 57, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 57, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 57, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 57, 71);  
box-shadow:4px 4px 4px 4px rgb(61, 57, 71)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.7920, -2.1100, 5.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 57, 71) }
```

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

```
.background{ background-color: rgb(61, 57,  
71) }
```

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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