

Converting Colors

YIQ(71.5020, 90.5000, 33.8920)

Have a look what the booklet for
YIQ(71.5020, 90.5000, 33.8920)
contains.

| | |
|--|----|
| YIQ(71.5020, 90.5000, 33.8920) | 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(71.5020, 90.5000,
33.8920)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B3191D |
| RGB | 179, 25, 29 |
| RGB Percent | 70%, 10%, 11% |
| CMY | 0.2977, 0.9021, 0.8859 |
| CMYK | 0.00, 0.86, 0.84, 0.30 |
| HSL | 358°, 76%, 40% |
| HSV | 358°, 86%, 70% |
| XYZ | 19.1813, 10.3766, 2.1602 |
| YIQ | 71.5020, 90.5000, 33.8920 |

Conversions

Conversions Part 2

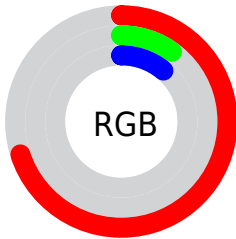
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 179, 25, 29 |
| Decimal | 11737373 |
| CIELab | 38.51, 58.32, 39.84 |
| CIElCh | 39, 70.632, 34.336 |
| Yxy | 10.3766, 0.6047, 0.3272 |
| Android (android.graphics.Color) | 4289927453 (0xFFB3191D) |
| YUV | 71.5020, -20.9535, 94.2757 |
| Hunter-Lab | 32.2127, 49.9170, 18.5729 |

Details

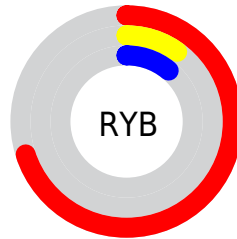
The YIQ color **71.5020, 90.5000, 33.8920** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **132.4980, -90.5000, -33.8920**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4500, 96.2780, 28.2940**, and **34.9830, 69.7320, 24.8040** is the 20% darker color. If you saturate the color by 10%, you get **58.9980, 100.9070, 38.0190**, and if you desaturate by 10%, it is **84.1200, 79.7720, 30.0760**.

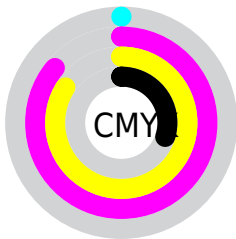
Distribution



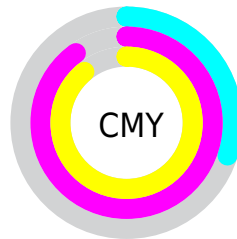
- Red (70%)
- Green (10%)
- Blue (11%)



- Red (70%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (86%)
- Yellow (84%)
- Black (30%)





- Cyan (30%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.5020, 90.5000, 33.8920 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 71.5020, 90.5000, 33.8920 by changing the saturation by 10% instead.


 71.5020, 90.5000,
33.8920


 71.5020, 90.5000,
33.8920


255.0000, -0.0000,
-0.0000


 45.0500, 85.9610,
33.5530


 132.4500, 96.2780,
28.2940


 34.9830, 69.7320,
24.8040


 155.6230, 88.3010,
24.1810


 25.7140, 51.2560,
18.2320

 174.9090, 72.5760,
17.3120

 17.8690, 34.5220,
13.1300

 194.8960, 56.2550,
10.2310

 5.9800, 11.9200,
4.2400

 214.9970, 39.6130,
3.4610

 0.0000, 0.0000,
0.0000

 235.0980, 22.9710,

-3.3090

252.4920, 7.0620,
-6.8420

71.5020, 90.5000,
33.8920

71.5020, 90.5000,
33.8920

58.9980, 100.9070,
38.0190

84.1200, 79.7720,
30.0760

54.0910, 105.0790,
39.5030

96.6240, 69.3650,
25.9490

109.1280, 58.9580,
21.8220

121.7460, 48.2300,
18.0060

133.6630, 38.0980,
14.4020

■ 146.2810, 27.3700,
10.5860

■ 158.7850, 16.9630,
6.4590

■ 171.4030, 6.2350,
2.6430

■ 183.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



65.6030, 84.1670, 66.0790



71.5020, 90.5000, 33.8920



83.8800, 70.3790, -3.4530

Triad

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



71.5020, 90.5000, 33.8920



69.2610, -42.0810, -46.8570



79.9500, -92.8470, 14.1690

Complementary

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



71.5020, 90.5000, 33.8920



132.4980, -90.5000, -33.8920

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.



86.2130, -92.5700, 3.6380



71.5020, 90.5000, 33.8920



78.0900, -62.8080, -29.1440

Square

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



71.5020, 90.5000, 33.8920



73.2960, -5.6310, -46.6470



84.5880, -81.1050, -11.4170



90.5140, -23.2530, 41.4750

Rectangle

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



71.5020, 90.5000, 33.8920



85.7750, 48.1450, -19.0150



84.5880, -81.1050, -11.4170



83.4720, -94.4970, 11.0310

Sweetspot

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



71.5020, 90.5000, 33.8920



190.0540, 35.4390, 13.0310



87.1070, 39.3700, 79.4820



91.8780, 21.1350, 7.9430



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



71.5020, 90.5000, 33.8920



70.0520, 136.3460, 51.0500



113.3100, 71.9840, -5.0080



82.8050, 5.0430, 2.2190



46.2030, 89.9040, 33.6800



7.8880, 15.1750, 5.8230

Inverse Universe

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



71.5020, 90.5000, 33.8920



70.0520, 136.3460, 51.0500



90.6900, -71.9840, 5.0080



82.8050, 5.0430, 2.2190



46.2030, 89.9040, 33.6800



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 71.5020, 90.5000, 33.8920 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 × Fail

Black 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

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

YIQ 71.5020, 90.5000, 33.8920

Background



This preview shows how black text looks on a background with the YIQ color 71.5020, 90.5000, 33.8920.



This preview shows how white text looks on a background with the YIQ color 71.5020, 90.5000,

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

71.5020, 90.5000, 33.8920

Protanopia

89.6320, 21.0470, -12.4970

Deuteranopia

86.9640, 43.2390, -18.2090



Tritanopia

71.4050, 92.1510, 31.5030

Trichromacy



Original Color

71.5020, 90.5000, 33.8920

Protanomaly

83.2320, 46.2610, 4.1250

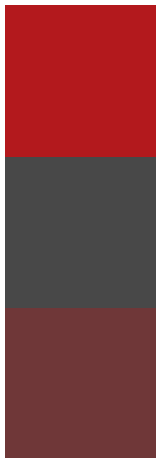
Deuteranomaly

81.2520, 60.7040, 1.1840

Tritanomaly

71.6330, 91.5090, 32.1250

Monochromacy



Original Color

71.5020, 90.5000, 33.8920

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8580, 33.0550, 12.1830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.5020, 90.5000, 33.8920 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(179, 25, 29)` looks like.

```
.text, #text, p{  
    color:rgb(179, 25, 29)  
}
```

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(179, 25, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 25, 29) }
```

Border

The CSS property to change the border of an element to YIQ 71.5020, 90.5000, 33.8920 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(179, 25, 29) }
```


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

```
.border{ border-color:rgb(179, 25, 29) }
```

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

Here you see how a box with a 4 pixel rgb(179, 25, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 25, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 25, 29);  
box-shadow:4px 4px 4px 4px rgb(179, 25,  
29) }
```

Background

The CSS property to change the background color of an element to YIQ 71.5020, 90.5000, 33.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 25, 29) }
```

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

```
.background{ background-color: rgb(179, 25,  
29) }
```

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