

Converting Colors

YIQ(72.2850, 92.6090, 34.2170)

Have a look what the booklet for
YIQ(72.2850, 92.6090, 34.2170)
contains.

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Color

**YIQ(72.2850, 92.6090,
34.2170)**

Conversions

Conversions Part 1

Format	Color
Hex	B6191C
RGB	182, 25, 28
RGB Percent	71%, 10%, 11%
CMY	0.2859, 0.9022, 0.8898
CMYK	0.00, 0.86, 0.85, 0.29
HSL	359°, 76%, 41%
HSV	359°, 86%, 71%
XYZ	19.8710, 10.7335, 2.1289
YIQ	72.2850, 92.6090, 34.2170

Conversions

Conversions Part 2

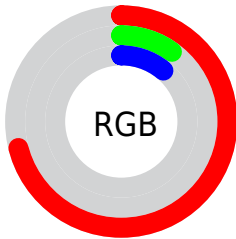
Format	Color
RYB	182, 25, 28
Decimal	11933980
CIELab	39.13, 59.13, 41.17
CIElCh	39, 72.053, 34.845
Yxy	10.7335, 0.6071, 0.3279
Android (android.graphics.Color)	4290124060 (0xFFB6191C)
YUV	72.2850, -21.8325, 96.2201
Hunter-Lab	32.7620, 50.9313, 19.0807

Details

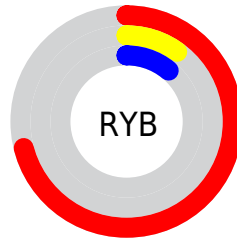
The YIQ color **72.2850, 92.6090, 34.2170** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **134.7150, -92.6090, -34.2170**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.1190, 98.7080, 28.3080**, and **35.8800, 71.5200, 25.4400** is the 20% darker color. If you saturate the color by 10%, you get **59.6670, 103.3370, 38.0330**, and if you desaturate by 10%, it is **84.9030, 81.8810, 30.4010**.

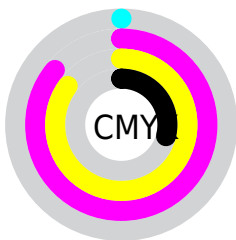
Distribution



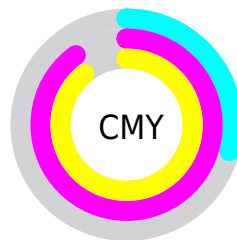
- Red (71%)
- Green (10%)
- Blue (11%)



- Red (71%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (86%)
- Yellow (85%)
- Black (29%)



- Cyan (29%)
- Magenta (90%)
- Yellow (89%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2850, 92.6090, 34.2170 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 72.2850, 92.6090, 34.2170 by changing the saturation by 10% instead.

■ 72.2850, 92.6090,
34.2170

■ 72.2850, 92.6090,
34.2170

255.0000, -0.0000,
-0.0000

■ 45.7190, 88.3910,
33.5670

■ 134.2330, 98.3870,
28.6190

■ 35.8800, 71.5200,
25.4400

■ 156.0960, 88.3470,
23.3470

■ 26.6110, 53.0440,
18.8680

■ 175.3820, 72.6220,
16.4780

■ 18.5810, 35.3930,
13.8650

■ 195.3690, 56.3010,
9.3970

■ 7.5890, 14.5790,
5.6110

■ 214.8830, 39.9340,
3.1500

■ 0.0000, 0.0000,
0.0000

■ 235.5710, 23.0170,

-4.1430

■ 252.3780, 7.3830,
-7.1530

■ 72.2850, 92.6090,
34.2170

■ 72.2850, 92.6090,
34.2170

■ 59.6670, 103.3370,
38.0330

■ 84.9030, 81.8810,
30.4010

■ 54.8740, 107.1880,
39.8280

■ 97.5210, 71.1530,
26.5850

■ 110.7260, 60.1500,
22.2460

■ 123.2300, 49.7430,
18.1190

■ 135.8480, 39.0150,
14.3030

■ 148.4660, 28.2870,
10.4870

■ 161.0840, 17.5590,
6.6710

■ 174.2890, 6.5560,
2.3320

■ 186.9070, -4.1720,
-1.4840

Harmonies

Analogous

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



66.5000, 85.9550, 66.7150



72.2850, 92.6090, 34.2170



85.6520, 71.0210, -4.0750

Triad

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



72.2850, 92.6090, 34.2170



70.5490, -42.9520, -47.5920



81.5800, -94.6810, 14.3670

Complementary

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



72.2850, 92.6090, 34.2170



134.7150, -92.6090, -34.2170

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.



87.8430, -94.4040, 3.8360



72.2850, 92.6090, 34.2170



79.6060, -64.3210, -29.2570

Square

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



72.2850, 92.6090, 34.2170



73.8720, -7.3730, -48.1170



86.1040, -82.6180, -11.5300



92.3400, -22.7030, 42.5210

Rectangle

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



72.2850, 92.6090, 34.2170



87.5470, 48.7870, -19.6370



86.1040, -82.6180, -11.5300



84.5150, -96.0560, 11.7520

Sweetspot

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



72.2850, 92.6090, 34.2170



193.7660, 36.3100, 13.7660



88.3460, 40.1950, 81.0510



94.0630, 22.0520, 7.8440



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



72.2850, 92.6090, 34.2170



71.4330, 139.6470, 51.7990



114.7940, 73.4970, -4.8950



85.6910, 5.3640, 1.9080



46.9860, 92.0130, 34.0050



8.4860, 16.3670, 6.2470

Inverse Universe

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



72.2850, 92.6090, 34.2170



71.4330, 139.6470, 51.7990



92.2060, -73.4970, 4.8950



85.6910, 5.3640, 1.9080



46.9860, 92.0130, 34.0050



8.4860, 16.3670, 6.2470

Previews

White Background



This preview shows how the YIQ color 72.2850, 92.6090, 34.2170 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 72.2850, 92.6090, 34.2170

Background



This preview shows how black text looks on a background with the YIQ color 72.2850, 92.6090, 34.2170.



This preview shows how white text looks on a background with the YIQ color 72.2850, 92.6090,

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

72.2850, 92.6090, 34.2170

Protanopia

91.2900, 22.0100, -13.4300

Deuteranopia

87.8240, 46.4490, -21.3190



Tritanopia

72.3020, 93.9390, 32.1390

Trichromacy



Original Color

72.2850, 92.6090, 34.2170

Protanomaly

84.3030, 47.4990, 3.7150

Deuteranomaly

82.3400, 63.2720, -1.3040

Tritanomaly

72.5300, 93.2970, 32.7610

Monochromacy



Original Color

72.2850, 92.6090, 34.2170

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.1570, 33.6510, 12.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2850, 92.6090, 34.2170 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(182, 25, 28)` looks like.

```
.text, #text, p{  
    color:rgb(182, 25, 28)  
}
```

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(182, 25, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 25, 28) }
```

Border

The CSS property to change the border of an element to YIQ 72.2850, 92.6090, 34.2170 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(182, 25, 28) }
```


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

```
.border{ border-color:rgb(182, 25, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 25, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 25, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 25, 28);  
box-shadow:4px 4px 4px 4px rgb(182, 25,  
28) }
```

Background

The CSS property to change the background color of an element to YIQ 72.2850, 92.6090, 34.2170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 25, 28) }
```

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

```
.background{ background-color: rgb(182, 25,  
28) }
```

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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