

Converting Colors

YIQ(52.9280, 71.5650, 30.1330)

Have a look what the booklet for
YIQ(52.9280, 71.5650, 30.1330)
contains.

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Color

**YIQ(52.9280, 71.5650,
30.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	8C0E19
RGB	140, 14, 25
RGB Percent	55%, 5%, 10%
CMY	0.4507, 0.9452, 0.9017
CMYK	0.00, 0.90, 0.82, 0.45
HSL	355°, 82%, 30%
HSV	355°, 90%, 55%
XYZ	11.1610, 5.9654, 1.4869
YIQ	52.9280, 71.5650, 30.1330

Conversions

Conversions Part 2

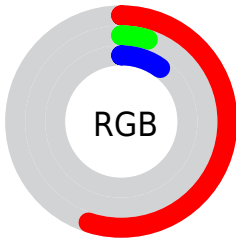
Format	Color
R_{YB}	140, 14, 25
Decimal	9178649
CIE Lab	29.32, 49.48, 30.34
CIE LCh	29, 58.041, 31.518
Yxy	5.9654, 0.5996, 0.3205
Android (android.graphics.Color)	4287368729 (0xFF8C0E19)
YUV	52.9280, -13.7685, 76.3621
Hunter-Lab	24.4241, 38.8258, 13.4875

Details

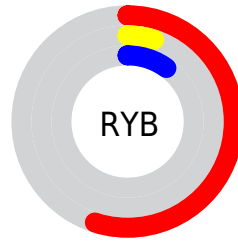
The YIQ color **52.9280, 71.5650, 30.1330** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **101.0720, -71.5650, -30.1330**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **111.9900, 77.0220, 24.8460**, and **24.2190, 48.2760, 17.1720** is the 20% darker color. If you saturate the color by 10%, you get **43.2280, 79.5880, 33.4120**, and if you desaturate by 10%, it is **62.6280, 63.5420, 26.8540**.

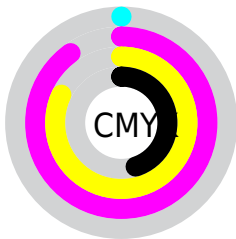
Distribution



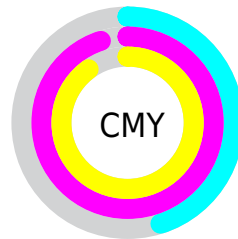
- Red (55%)
- Green (5%)
- Blue (10%)



- Red (55%)
- Yellow (5%)
- Blue (10%)



- Cyan (0%)
- Magenta (90%)
- Yellow (82%)
- Black (45%)



- Cyan (45%)
- Magenta (95%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.9280, 71.5650, 30.1330 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 52.9280, 71.5650, 30.1330 by changing the saturation by 10% instead.

■ 52.9280, 71.5650,
30.1330

■ 52.9280, 71.5650,
30.1330

254.7720, 0.6420,
-0.6220

■ 33.1890, 66.1560,
23.5320

■ 111.9900, 77.0220,
24.8460

■ 24.2190, 48.2760,
17.1720

■ 139.4310, 80.0940,
24.2380

■ 16.6730, 32.1380,
12.2820

■ 165.3060, 78.9480,
22.9800

■ 2.6910, 5.3640,
1.9080

■ 184.7060, 62.9020,
16.4220

■ 0.0000, 0.0000,
0.0000

■ 204.1060, 46.8560,
9.8640

■ 223.7340, 30.1680,

3.9280

■ 243.9490, 13.2050,
-2.5310

■ 52.9280, 71.5650,
30.1330

■ 52.9280, 71.5650,
30.1330

■ 43.2280, 79.5880,
33.4120

■ 62.6280, 63.5420,
26.8540

■ 72.3280, 55.5190,
23.5750

■ 81.9140, 47.8170,
19.9850

■ 91.6140, 39.7940,
16.7060

■ 101.3140, 31.7710,
13.4270

■ 111.0140, 23.7480,
10.1480

■ 120.6000, 16.0460,
6.5580

■ 130.3000, 8.0230,
3.2790

■ 140.0000, 0.0000,
0.0000

Harmonies

Analogous

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



50.9220, 63.6750, 51.9870



52.9280, 71.5650, 30.1330



64.0450, 56.8530, -0.6110

Triad

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



52.9280, 71.5650, 30.1330



52.2890, -30.1160, -37.9240



62.3790, -72.3060, 10.8460

Complementary

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



52.9280, 71.5650, 30.1330



101.0720, -71.5650, -30.1330

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.



66.2940, -70.9290, 2.4070



52.9280, 71.5650, 30.1330



59.0490, -46.3950, -23.7310

Square

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



52.9280, 71.5650, 30.1330



57.4360, 0.3270, -33.4730



64.1790, -60.8400, -9.7360



68.7660, -24.4430, 29.9970

Rectangle

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



52.9280, 71.5650, 30.1330



65.6850, 39.8910, -12.5970



64.1790, -60.8400, -9.7360



64.4990, -72.7640, 8.1320

Sweetspot

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



52.9280, 71.5650, 30.1330



147.1070, 27.9200, 11.6320



62.1510, 26.9020, 63.1420



71.3120, 16.9170, 7.2930



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



52.9280, 71.5650, 30.1330



55.9430, 102.7400, 43.3480



81.0240, 61.3460, 0.5620



64.2070, 3.8510, 1.7950



41.1350, 75.4160, 31.9280



1.4950, 2.9800, 1.0600

Inverse Universe

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



52.9280, 71.5650, 30.1330



55.9430, 102.7400, 43.3480



72.9760, -61.3460, -0.5620



64.2070, 3.8510, 1.7950



41.1350, 75.4160, 31.9280



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 52.9280, 71.5650, 30.1330 looks on a white background.

Color Contrast Check

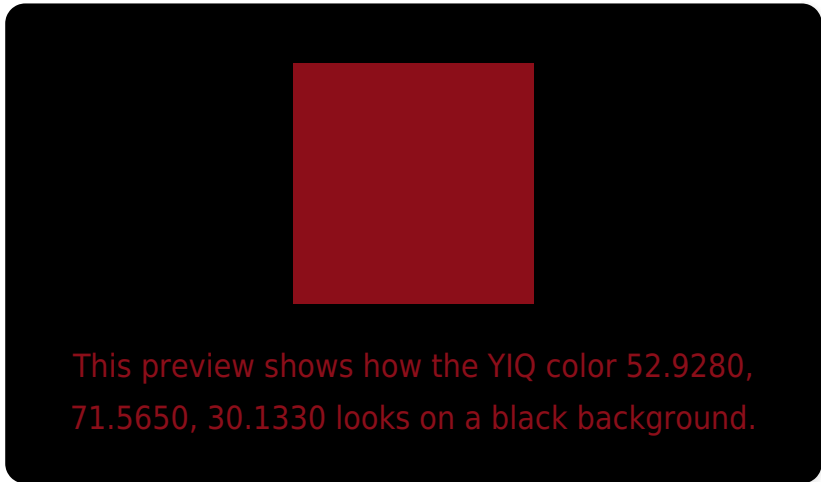
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.9280, 71.5650, 30.1330

Background



This preview shows how black text looks on a background with the YIQ color 52.9280, 71.5650, 30.1330.



This preview shows how white text looks on a background with the YIQ color 52.9280, 71.5650,

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

52.9280, 71.5650, 30.1330

Protanopia

70.3310, 14.7650, -8.7790

Deuteranopia

68.3080, 30.7670, -12.4410



Tritanopia

52.7340, 74.8670, 25.3550

Trichromacy



Original Color

52.9280, 71.5650, 30.1330

Protanomaly

64.0120, 35.2570, 5.3130

Deuteranomaly

62.4060, 45.7110, 3.0790

Tritanomaly

52.6030, 73.8580, 27.1220

Monochromacy



Original Color

52.9280, 71.5650, 30.1330

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.2100, 26.1320, 10.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.9280, 71.5650, 30.1330 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(140, 14, 25)` looks like.

```
.text, #text, p{  
    color:rgb(140, 14, 25)  
}
```

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(140, 14, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 14, 25) }
```

Border

The CSS property to change the border of an element to YIQ 52.9280, 71.5650, 30.1330 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(140, 14, 25) }
```


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

```
.border{ border-color:rgb(140, 14, 25) }
```

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

Here you see how a box with a 4 pixel rgb(140, 14, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 14, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 14, 25);  
box-shadow:4px 4px 4px 4px rgb(140, 14,  
25) }
```

Background

The CSS property to change the background color of an element to YIQ 52.9280, 71.5650, 30.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 14, 25) }
```

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

```
.background{ background-color: rgb(140, 14,  
25) }
```

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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