

Converting Colors

YIQ(57.7290, 56.0680, 30.1480)

Have a look what the booklet for
YIQ(57.7290, 56.0680, 30.1480)
contains.

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Color

**YIQ(57.7290, 56.0680,
30.1480)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 82172F |
| RGB | 130, 23, 47 |
| RGB Percent | 51%, 9%, 18% |
| CMY | 0.4899, 0.9099, 0.8155 |
| CMYK | 0.00, 0.82, 0.64, 0.49 |
| HSL | 347°, 70%, 30% |
| HSV | 347°, 82%, 51% |
| XYZ | 10.0361, 5.5679, 3.2406 |
| YIQ | 57.7290, 56.0680, 30.1480 |

Conversions

Conversions Part 2

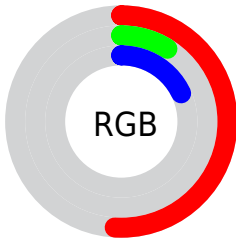
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 130, 23, 47 |
| Decimal | 8525615 |
| CIE Lab | 28.30, 45.40, 14.39 |
| CIE LCh | 28, 47.626, 17.588 |
| Yxy | 5.5679, 0.5326, 0.2955 |
| Android (android.graphics.Color) | 4286715695 (0xFF82172F) |
| YUV | 57.7290, -5.2894, 63.3817 |
| Hunter-Lab | 23.5965, 34.6263, 8.3750 |

Details

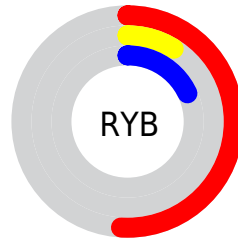
The YIQ color **57.7290, 56.0680, 30.1480** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **95.2710, -56.0680, -30.1480**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1870, 60.4700, 27.4620**, and **22.1260, 44.1040, 15.6880** is the 20% darker color. If you saturate the color by 10%, you get **48.9580, 62.8530, 33.8370**, and if you desaturate by 10%, it is **66.5000, 49.2830, 26.4590**.

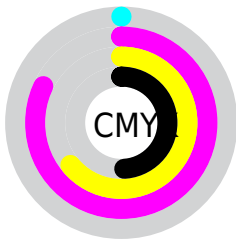
Distribution



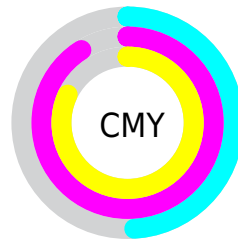
- Red (51%)
- Green (9%)
- Blue (18%)



- Red (51%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (64%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7290, 56.0680, 30.1480 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 57.7290, 56.0680, 30.1480 by changing the saturation by 10% instead.

■ 57.7290, 56.0680,
30.1480

■ 57.7290, 56.0680,
30.1480

255.0000, -0.0000,
-0.0000

■ 33.5760, 52.1250,
30.0210

■ 113.1870, 60.4700,
27.4620

■ 22.1260, 44.1040,
15.6880

■ 140.1550, 63.4960,
27.6880

■ 14.8790, 28.5620,
11.0100

■ 167.9380, 65.6050,
28.0130

■ 0.0000, 0.0000,
0.0000

■ 188.8440, 54.0060,
23.4620

■ 208.3580, 37.6390,
17.2150

■ 227.9860, 20.9510,

11.2790

248.3150, 3.6670,
5.1310

57.7290, 56.0680,
30.1480

57.7290, 56.0680,
30.1480

48.9580, 62.8530,
33.8370

66.5000, 49.2830,
26.4590

42.1760, 68.1710,
36.5790

75.2710, 42.4980,
22.7700

84.0420, 35.7130,
19.0810

92.8130, 28.9280,
15.3920

101.5840, 22.1430,
11.7030

■ 110.4690, 15.0370,
8.3250

■ 119.2400, 8.2520,
4.6360

■ 128.0110, 1.4670,
0.9470

■ 136.7820, -5.3180,
-2.7420

Harmonies

Analogous

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



61.3270, 40.0650, 39.3370



57.7290, 56.0680, 30.1480



61.4890, 55.8430, 6.6830

Triad

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



57.7290, 56.0680, 30.1480



48.3070, -21.3590, -36.9350



60.4580, -65.5190, 3.4810

Complementary

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



57.7290, 56.0680, 30.1480



95.2710, -56.0680, -30.1480

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.



61.3410, -61.1160, -4.7320



57.7290, 56.0680, 30.1480



53.8340, -38.6000, -27.3360

Square

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



57.7290, 56.0680, 30.1480



60.8020, 17.1520, -24.5120



58.7530, -51.0730, -16.0410



57.9700, -52.0410, 12.5270

Rectangle

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



57.7290, 56.0680, 30.1480



62.7940, 47.1340, -6.1940



58.7530, -51.0730, -16.0410



61.1760, -64.7850, 1.1910

Sweetspot

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



57.7290, 56.0680, 30.1480



139.6980, 21.8220, 12.0140



59.7160, 14.5250, 50.6610



67.1590, 12.9740, 7.1660



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



57.7290, 56.0680, 30.1480



55.8520, 87.0590, 46.6990



72.0160, 55.7970, 7.5170



61.9080, 3.2550, 1.5830



42.1760, 68.1710, 36.5790



1.0110, 1.4670, 0.9470

Inverse Universe

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



57.7290, 56.0680, 30.1480



55.8520, 87.0590, 46.6990



81.5710, -56.0720, -8.0400



61.9080, 3.2550, 1.5830



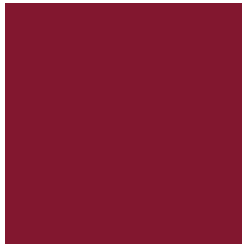
42.1760, 68.1710, 36.5790



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 57.7290, 56.0680, 30.1480 looks on a white background.

Color Contrast Check

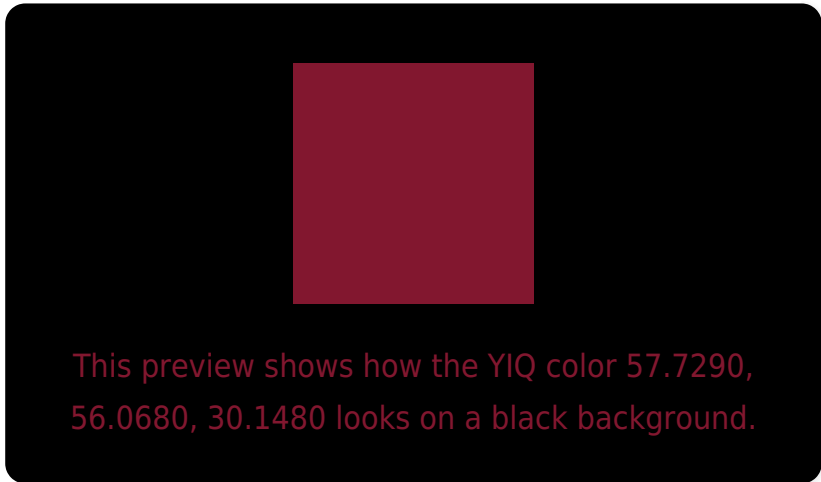
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.7290, 56.0680, 30.1480

Background



This preview shows how black text looks on a background with the YIQ color 57.7290, 56.0680, 30.1480.



This preview shows how white text looks on a background with the YIQ color 57.7290, 56.0680,

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

57.7290, 56.0680, 30.1480

Protanopia

68.6690, 2.4300, 0.0140

Deuteranopia

68.3470, 17.8360, -3.8600



Tritanopia

58.1990, 60.1960, 21.4120

Trichromacy



Original Color

57.7290, 56.0680, 30.1480

Protanomaly

64.7580, 21.5930, 10.6570

Deuteranomaly

64.2660, 31.7260, 8.7340

Tritanomaly

57.8230, 58.4990, 24.6350

Monochromacy



Original Color

57.7290, 56.0680, 30.1480

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.6870, 20.3550, 11.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7290, 56.0680, 30.1480 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(130, 23, 47)` looks like.

```
.text, #text, p{  
    color:rgb(130, 23, 47)  
}
```

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(130, 23, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 23, 47) }
```

Border

The CSS property to change the border of an element to YIQ 57.7290, 56.0680, 30.1480 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(130, 23, 47) }
```


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

```
.border{ border-color:rgb(130, 23, 47) }
```

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

Here you see how a box with a 4 pixel rgb(130, 23, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 23, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 23, 47);  
box-shadow:4px 4px 4px 4px rgb(130, 23,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 57.7290, 56.0680, 30.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 23, 47) }
```

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

```
.background{ background-color: rgb(130, 23,  
47) }
```

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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