

Converting Colors

YIQ(55.2080, 82.3400, 27.5880)

Have a look what the booklet for
YIQ(55.2080, 82.3400, 27.5880)
contains.

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Color

**YIQ(55.2080, 82.3400,
27.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	970F0B
RGB	151, 15, 11
RGB Percent	59%, 6%, 4%
CMY	0.4075, 0.9413, 0.9565
CMYK	0.00, 0.90, 0.93, 0.41
HSL	2°, 86%, 32%
HSV	2°, 93%, 59%
XYZ	13.0086, 6.9515, 0.9753
YIQ	55.2080, 82.3400, 27.5880

Conversions

Conversions Part 2

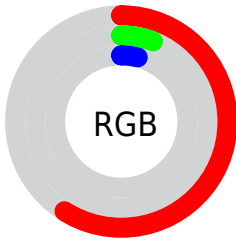
Format	Color
R_{YB}	151, 15, 11
Decimal	9899787
CIE Lab	31.70, 52.08, 40.70
CIE LCh	32, 66.100, 38.004
Yxy	6.9515, 0.6214, 0.3320
Android (android.graphics.Color)	4288089867 (0xFF970F0B)
YUV	55.2080, -21.7945, 84.0096
Hunter-Lab	26.3658, 41.9301, 16.2628

Details

The YIQ color **55.2080, 82.3400, 27.5880** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **106.7920, -82.3400, -27.5880**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8570, 87.5220, 21.7780**, and **26.9100, 53.6400, 19.0800** is the 20% darker color. If you saturate the color by 10%, you get **47.4970, 88.8960, 29.9200**, and if you desaturate by 10%, it is **65.7230, 73.4000, 24.4080**.

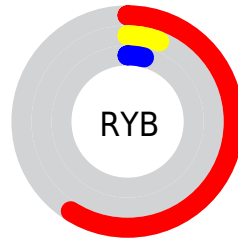
Distribution



Red (59%)

Green (6%)

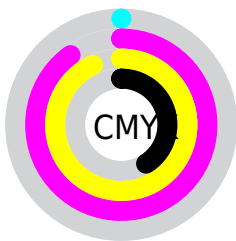
Blue (4%)



Red (59%)

Yellow (6%)

Blue (4%)

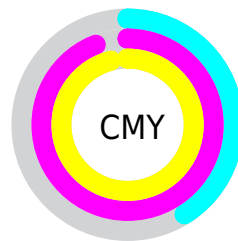


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (41%)



Cyan (41%)


Magenta (94%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 55.2080, 82.3400, 27.5880 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 55.2080, 82.3400, 27.5880 by changing the saturation by 10% instead.


 55.2080, 82.3400,
27.5880


 55.2080, 82.3400,
27.5880


 253.2900, 4.8150,
-4.6650


 36.1790, 72.1160,
25.6520


 115.8570, 87.5220,
21.7780


 26.9100, 53.6400,
19.0800

 144.0100, 91.4650,
21.9050


 19.0650, 36.9060,
13.9780

 165.5850, 82.2960,
17.3680

 9.0840, 17.5590,
6.6710

 184.9850, 66.2500,
10.8100

 0.0000, 0.0000,
0.0000

 204.3850, 50.2040,
4.2520

 224.4860, 33.5620,

-2.5180

■ 244.7010, 16.5990,
-8.9770

■ 55.2080, 82.3400,
27.5880

■ 55.2080, 82.3400,
27.5880

■ 47.4970, 88.8960,
29.9200

■ 65.7230, 73.4000,
24.4080

■ 75.6510, 64.7350,
21.7510

■ 86.1660, 55.7950,
18.5710

■ 96.7950, 46.5340,
15.7020

■ 106.7230, 37.8690,
13.0450

■ 117.2380, 28.9290,
9.8650

■ 127.7530, 19.9890,
6.6850

■ 137.6810, 11.3240,
4.0280

■ 148.1960, 2.3840,
0.8480

Harmonies

Analogous

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



55.3210, 75.7330, 53.7250



55.2080, 82.3400, 27.5880



69.9370, 57.0370, -3.9470

Triad

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



55.2080, 82.3400, 27.5880



58.2390, -35.8470, -38.6870



66.1920, -78.9090, 14.8750

Complementary

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



55.2080, 82.3400, 27.5880



106.7920, -82.3400, -27.5880

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.



73.0250, -80.2370, 5.8990



55.2080, 82.3400, 27.5880



65.7970, -54.3730, -22.3170

Square

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



55.2080, 82.3400, 27.5880



54.3470, -18.8360, -44.1160



71.4970, -70.4230, -6.7670



74.8480, -12.5700, 40.5980

Rectangle

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



55.2080, 82.3400, 27.5880



70.6690, 36.8200, -17.5160



71.4970, -70.4230, -6.7670



69.2410, -80.6050, 12.5710

Sweetspot

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



55.2080, 82.3400, 27.5880



158.6190, 32.2300, 10.6140



68.5920, 39.1420, 72.5980



76.4540, 19.3930, 6.4730



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



55.2080, 82.3400, 27.5880



61.5390, 115.4410, 38.9370



95.1240, 63.6400, -7.9760



71.3920, 4.7680, 1.6960



44.2080, 82.3400, 27.5880



3.8870, 7.7480, 2.7560

Inverse Universe

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



106.7920, -82.3400, -27.5880



134.4610, -115.4410, -38.9370



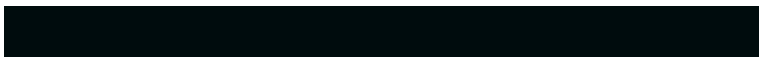
66.8760, -63.6400, 7.9760



74.0210, -4.4930, -1.1730



95.7920, -82.3400, -27.5880



8.5260, -7.4730, -2.2330

Previews

White Background



This preview shows how the YIQ color 55.2080, 82.3400, 27.5880 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 55.2080, 82.3400, 27.5880

Background



This preview shows how black text looks on a background with the YIQ color 55.2080, 82.3400, 27.5880.



This preview shows how white text looks on a background with the YIQ color 55.2080, 82.3400,

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

55.2080, 82.3400, 27.5880

Protanopia

73.6490, 22.3770, -14.5750

Deuteranopia

71.8540, 37.7370, -17.6150



Tritanopia

54.9800, 82.9820, 26.9660

Trichromacy



Original Color

55.2080, 82.3400, 27.5880

Protanomaly

66.7540, 44.6110, 0.9870

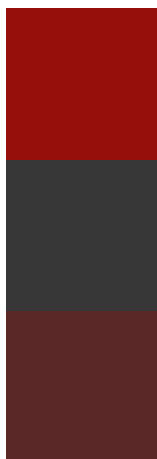
Deuteranomaly

65.9630, 54.1480, -1.1480

Tritanomaly

55.0940, 82.6610, 27.2770

Monochromacy



Original Color

55.2080, 82.3400, 27.5880

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8360, 30.1210, 10.2890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.2080, 82.3400, 27.5880 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(151, 15, 11)` looks like.

```
.text, #text, p{  
    color:rgb(151, 15, 11)  
}
```

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(151, 15, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 15, 11) }
```

Border

The CSS property to change the border of an element to YIQ 55.2080, 82.3400, 27.5880 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(151, 15, 11) }
```


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

```
.border{ border-color:rgb(151, 15, 11) }
```

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

Here you see how a box with a 4 pixel rgb(151, 15, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 15, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 15, 11);  
box-shadow:4px 4px 4px 4px rgb(151, 15,  
11) }
```

Background

The CSS property to change the background color of an element to YIQ 55.2080, 82.3400, 27.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 15, 11) }
```

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

```
.background{ background-color: rgb(151, 15,  
11) }
```

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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