

Converting Colors

YIQ(55.6130, 33.5080, 42.5320)

Have a look what the booklet for
YIQ(55.6130, 33.5080, 42.5320)
contains.

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Color

**YIQ(55.6130, 33.5080,
42.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	72135B
RGB	114, 19, 91
RGB Percent	45%, 7%, 36%
CMY	0.5527, 0.9256, 0.6431
CMYK	0.00, 0.83, 0.20, 0.55
HSL	315°, 71%, 26%
HSV	315°, 83%, 45%
XYZ	9.0698, 4.8021, 10.3509
YIQ	55.6130, 33.5080, 42.5320

Conversions

Conversions Part 2

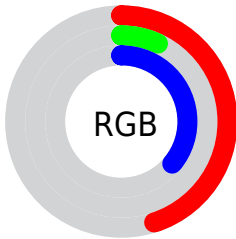
Format	Color
R _Y B	114, 19, 91
Decimal	7476059
CIE Lab	26.16, 46.75, -18.58
CIE LCh	26, 50.304, 338.320
Yxy	4.8021, 0.3744, 0.1982
Android (android.graphics.Color)	4285666139 (0xFF72135B)
YUV	55.6130, 17.4458, 51.2054
Hunter-Lab	21.9137, 35.5297, -12.6658




Details

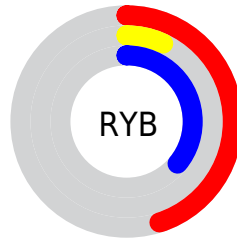
The YIQ color **55.6130, 33.5080, 42.5320** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **77.3870, -33.5080, -42.5320**, and the grayscale version is **55.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **110.6300, 34.8380, 40.4540**, and **23.6680, 22.5070, 27.1390** is the 20% darker color. If you saturate the color by 10%, you get **48.8140, 37.4960, 47.3520**, and if you desaturate by 10%, it is **62.4120, 29.5200, 37.7120**.

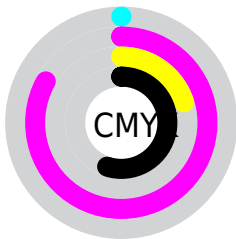
Distribution







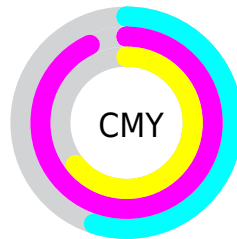
-  Red (45%)
-  Green (7%)
-  Blue (36%)






-  Red (45%)
-  Yellow (7%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (20%)
-  Black (55%)



-  Cyan (55%)
-  Magenta (93%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.6130, 33.5080, 42.5320 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 55.6130, 33.5080, 42.5320 by changing the saturation by 10% instead.

■ 55.6130, 33.5080,
42.5320

■ 55.6130, 33.5080,
42.5320

255.0000, -0.0000,
-0.0000

■ 33.9500, 30.9410,
39.4930

■ 110.6300, 34.8380,
40.4540

■ 23.6680, 22.5070,
27.1390

■ 137.3420, 35.7090,
41.1890

■ 14.0980, 14.9440,
15.5200

■ 164.9400, 36.9010,
41.6130

■ 0.0000, 0.0000,
0.0000

■ 192.6520, 37.7720,
42.3480

■ 212.3940, 20.7630,
36.7230

■ 229.1720, 12.1000,

23.0120

246.1950, 4.1250,
7.8450

55.6130, 33.5080,
42.5320

55.6130, 33.5080,
42.5320

48.8140, 37.4960,
47.3520

62.4120, 29.5200,
37.7120

43.8900, 40.3380,
50.9140

69.7980, 25.2570,
32.3690

76.4830, 21.5900,
27.2380

83.8690, 17.3270,
21.8950

90.6680, 13.3390,
17.0750

■ 97.4670, 9.3510,
12.2550

■ 104.7390, 5.4090,
6.6010

■ 111.5380, 1.4210,
1.7810

■ 118.9240, -2.8420,
-3.5620

Harmonies

Analogous

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



63.1500, -8.0290, 29.8830



55.6130, 33.5080, 42.5320



44.6020, 58.4040, 42.8840

Triad

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



55.6130, 33.5080, 42.5320



57.9000, 22.9280, -19.0560



57.6250, -56.1640, -6.3720

Complementary

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



55.6130, 33.5080, 42.5320



77.3870, -33.5080, -42.5320

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.



53.9940, -44.5620, -18.4020



55.6130, 33.5080, 42.5320



48.8420, -6.6880, -32.9920

Square

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



55.6130, 33.5080, 42.5320



58.3640, 45.5290, -4.6390



48.1460, -30.8510, -30.1070



58.7140, -63.3640, 2.9720

Rectangle

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



55.6130, 33.5080, 42.5320



50.2470, 60.2410, 26.1050



48.1460, -30.8510, -30.1070



56.8440, -52.5870, -10.6270

Sweetspot

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



55.6130, 33.5080, 42.5320



125.2550, 13.0640, 16.5520



36.4080, -17.3830, 34.2090



60.5160, 7.6550, 9.9510



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



55.6130, 33.5080, 42.5320



57.0200, 52.2560, 66.2080



50.2550, 48.5950, 27.9150



52.3640, 1.9710, 2.8270



46.2540, 42.3090, 53.7410



95.1710, 87.1850, 110.5210

Inverse Universe

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



55.6130, 33.5080, 42.5320



57.0200, 52.2560, 66.2080



82.7450, -48.5950, -27.9150



52.3640, 1.9710, 2.8270



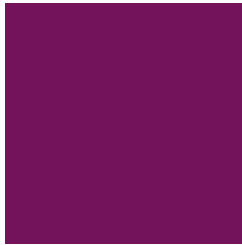
46.2540, 42.3090, 53.7410



95.1710, 87.1850, 110.5210

Previews

White Background



This preview shows how the YIQ color 55.6130, 33.5080, 42.5320 looks on a white background.

Color Contrast Check

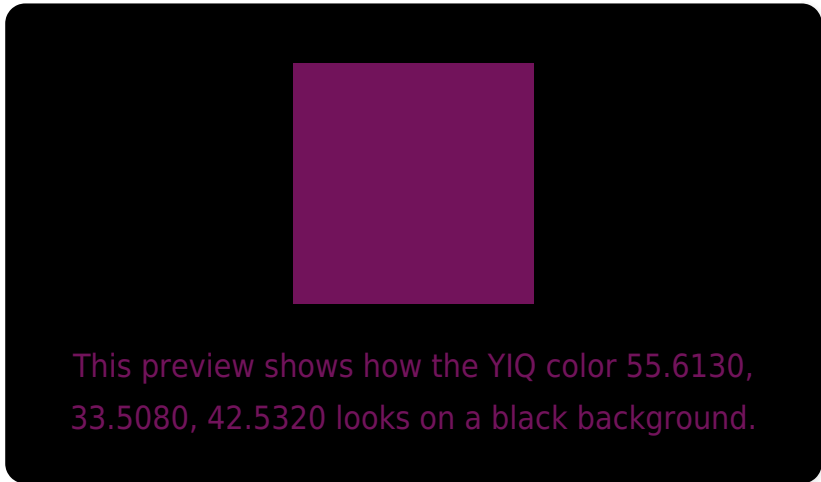
Large Text (above 18pt) WCAG AA ✓ Pass

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

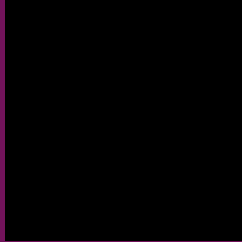
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.6130, 33.5080, 42.5320

Background



This preview shows how black text looks on a background with the YIQ color 55.6130, 33.5080, 42.5320.



This preview shows how white text looks on a background with the YIQ color 55.6130, 33.5080,

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

55.6130, 33.5080, 42.5320

Protanopia

58.4180, -41.6790, 11.9610

Deuteranopia

64.1270, -10.3630, 6.0930



Tritanopia

60.4570, 41.6740, 15.6740

Trichromacy



Original Color

55.6130, 33.5080, 42.5320

Protanomaly

57.2260, -14.3550, 23.3810

Deuteranomaly

60.9430, 5.3150, 19.3230

Tritanomaly

58.6990, 38.4170, 25.1450

Monochromacy



Original Color

55.6130, 33.5080, 42.5320

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

56.1300, 11.9180, 15.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.6130, 33.5080, 42.5320 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(114, 19, 91)` looks like.

```
.text, #text, p{  
    color:rgb(114, 19, 91)  
}
```

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(114, 19, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 19, 91) }
```

Border

The CSS property to change the border of an element to YIQ 55.6130, 33.5080, 42.5320 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(114, 19, 91) }
```


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

```
.border{ border-color:rgb(114, 19, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 19, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 19, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 19, 91);  
box-shadow:4px 4px 4px 4px rgb(114, 19,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 55.6130, 33.5080, 42.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 19, 91) }
```

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

```
.background{ background-color: rgb(114, 19,  
91) }
```

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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