

Converting Colors

YIQ(52.6280, 37.1790, 25.5550)

Have a look what the booklet for
YIQ(52.6280, 37.1790, 25.5550)
contains.

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Color

**YIQ(52.6280, 37.1790,
25.5550)**

Conversions

Conversions Part 1

Format	Color
Hex	681A37
RGB	104, 26, 55
RGB Percent	41%, 10%, 22%
CMY	0.5920, 0.8981, 0.7842
CMYK	0.00, 0.75, 0.47, 0.59
HSL	338°, 60%, 25%
HSV	338°, 75%, 41%
XYZ	6.7740, 3.9596, 4.0257
YIQ	52.6280, 37.1790, 25.5550

Conversions

Conversions Part 2

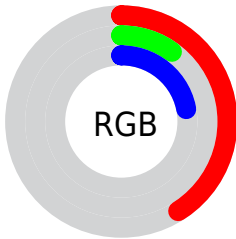
Format	Color
R_{YB}	104, 26, 55
Decimal	6822455
CIE _{Lab}	23.54, 36.88, 1.54
CIE _{LCh}	24, 36.914, 2.391
Yxy	3.9596, 0.4590, 0.2683
Android (android.graphics.Color)	4285012535 (0xFF681A37)
YUV	52.6280, 1.1694, 45.0532
Hunter-Lab	19.8989, 25.9420, 1.9344

Details

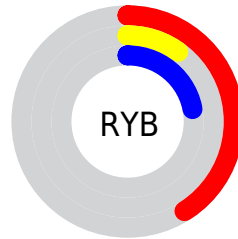
The YIQ color **52.6280, 37.1790, 25.5550** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.3720, -37.1790, -25.5550**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.7810, 41.1220, 25.6820**, and **17.1010, 28.0570, 14.6570** is the 20% darker color. If you saturate the color by 10%, you get **45.9600, 42.1760, 28.6080**, and if you desaturate by 10%, it is **59.2960, 32.1820, 22.5020**.

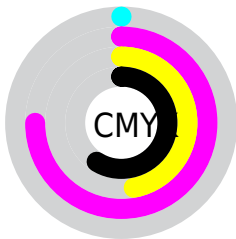
Distribution



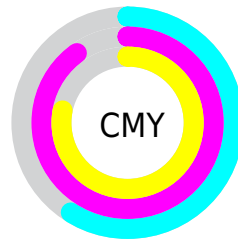
- Red (41%)
- Green (10%)
- Blue (22%)



- Red (41%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (75%)
- Yellow (47%)
- Black (59%)



- Cyan (59%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.6280, 37.1790, 25.5550 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 52.6280, 37.1790, 25.5550 by changing the saturation by 10% instead.

■ 52.6280, 37.1790,
25.5550

■ 52.6280, 37.1790,
25.5550

■ 255.0000, -0.0000,
-0.0000

■ 27.1980, 35.5740,
27.1100

■ 103.7810, 41.1220,
25.6820

■ 17.1010, 28.0570,
14.6570

■ 130.2650, 42.6350,
25.7950

■ 5.9800, 11.9200,
4.2400

■ 157.0480, 44.7440,
26.1200

■ 0.0000, 0.0000,
0.0000

■ 184.6460, 45.9360,
26.5440

■ 206.6770, 35.4830,
23.2510

■ 226.3050, 18.7950,

17.3150

245.6080, 4.4000,
8.3680

52.6280, 37.1790,
25.5550

52.6280, 37.1790,
25.5550

45.9600, 42.1760,
28.6080

59.2960, 32.1820,
22.5020

38.8190, 47.1270,
32.4950

66.4370, 27.2310,
18.6150

35.5420, 49.4650,
34.1770

73.1050, 22.2340,
15.5620

80.2460, 17.2830,
11.6750

86.9140, 12.2860,
8.6220

■ 93.4680, 7.6100,
5.2580

■ 100.7230, 2.3380,
1.6820

■ 107.2770, -2.3380,
-1.6820

■ 114.5320, -7.6100,
-5.2580

Harmonies

Analogous

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



56.5150, 18.5640, 27.0120



52.6280, 37.1790, 25.5550



52.4740, 43.0040, 13.5960

Triad

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



52.6280, 37.1790, 25.5550



48.7560, 5.5980, -24.3700



50.1250, -51.5800, -1.3400

Complementary

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



52.6280, 37.1790, 25.5550



77.3720, -37.1790, -25.5550

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.



49.6060, -45.9850, -9.1290



52.6280, 37.1790, 25.5550



42.6350, -27.7340, -26.0220

Square

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



52.6280, 37.1790, 25.5550



52.9050, 24.5320, -15.0840



46.5280, -37.3180, -17.5260



47.4010, -52.1770, 3.9750

Rectangle

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



52.6280, 37.1790, 25.5550



52.8400, 41.4930, 2.4290



46.5280, -37.3180, -17.5260



50.7290, -50.5250, -3.9410

Sweetspot

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



52.6280, 37.1790, 25.5550



114.6370, 14.6240, 10.3040



49.2440, 3.5700, 34.4340



56.4790, 9.0770, 6.2050



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



52.6280, 37.1790, 25.5550



55.3090, 57.6710, 39.6470



54.6050, 44.0130, 11.8290



47.7230, 2.3380, 1.6820



39.2870, 54.7370, 37.7530



82.6180, 115.3420, 79.2940

Inverse Universe

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



52.6280, 37.1790, 25.5550



55.3090, 57.6710, 39.6470



75.3950, -44.0130, -11.8290



47.7230, 2.3380, 1.6820



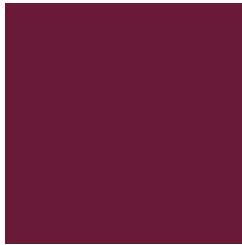
39.2870, 54.7370, 37.7530



82.6180, 115.3420, 79.2940

Previews

White Background



This preview shows how the YIQ color 52.6280, 37.1790, 25.5550 looks on a white background.

Color Contrast Check

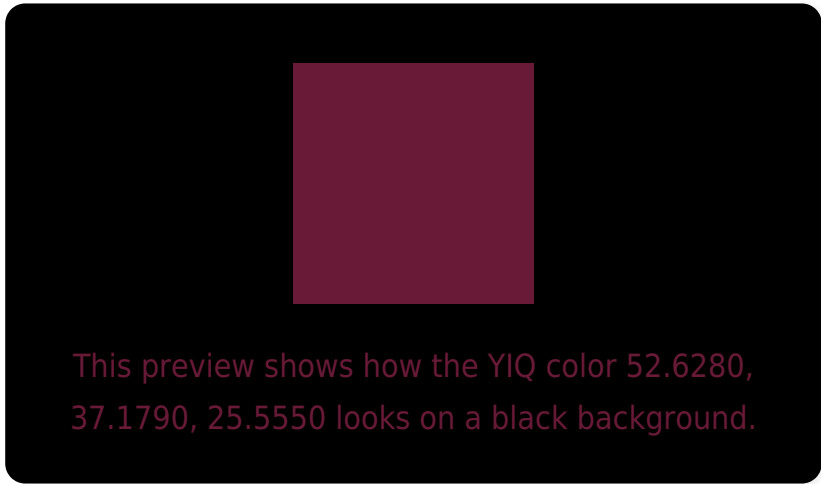
Large Text (above 18pt) WCAG AA ✓ Pass

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

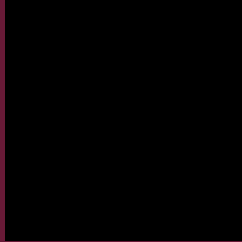
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.6280, 37.1790, 25.5550

Background



This preview shows how black text looks on a background with the YIQ color 52.6280, 37.1790, 25.5550.



This preview shows how white text looks on a background with the YIQ color 52.6280, 37.1790,

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

52.6280, 37.1790, 25.5550

Protanopia

57.9270, -6.9240, 4.3400

Deuteranopia

58.4200, 7.5650, 0.5650



Tritanopia

53.3430, 41.9950, 15.3630

Trichromacy



Original Color

52.6280, 37.1790, 25.5550

Protanomaly

56.0540, 9.0760, 11.7320

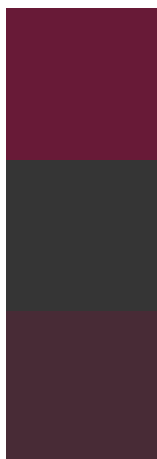
Deuteranomaly

56.2630, 18.6130, 9.5970

Tritanomaly

53.0810, 39.9770, 18.8970

Monochromacy



Original Color

52.6280, 37.1790, 25.5550

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.9250, 13.7530, 9.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.6280, 37.1790, 25.5550 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(104, 26, 55)` looks like.

```
.text, #text, p{  
    color:rgb(104, 26, 55)  
}
```

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(104, 26, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 26, 55) }
```

Border

The CSS property to change the border of an element to YIQ 52.6280, 37.1790, 25.5550 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(104, 26, 55) }
```


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

```
.border{ border-color:rgb(104, 26, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 26, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 26, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 26, 55);  
box-shadow:4px 4px 4px 4px rgb(104, 26,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 52.6280, 37.1790, 25.5550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 26, 55) }
```

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

```
.background{ background-color: rgb(104, 26,  
55) }
```

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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