

Converting Colors

YIQ(57.5710, -11.3730, 13.3870)

Have a look what the booklet for
YIQ(57.5710, -11.3730, 13.3870)
contains.

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Color

**YIQ(57.5710, -11.3730,
13.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	37345D
RGB	55, 52, 93
RGB Percent	22%, 20%, 36%
CMY	0.7843, 0.7961, 0.6354
CMYK	0.41, 0.44, 0.00, 0.64
HSL	244°, 28%, 28%
HSV	244°, 44%, 36%
XYZ	4.7789, 4.0583, 10.8828
YIQ	57.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

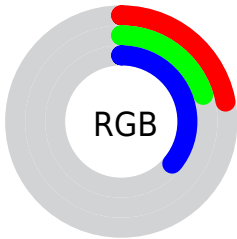
Format	Color
R _Y B	55, 52, 93
Decimal	3617885
CIE Lab	23.86, 12.72, -24.09
CIE LCh	24, 27.238, 297.837
Yxy	4.0583, 0.2423, 0.2058
Android (android.graphics.Color)	4281807965 (0xFF37345D)
YUV	57.5710, 17.4665, -2.2548
Hunter-Lab	20.1452, 7.0897, -17.9279

Details

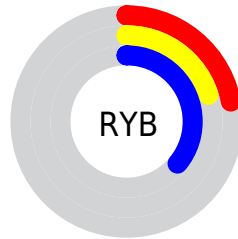
The YIQ color **57.5710, -11.3730, 13.3870** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.4290, 11.3730, -13.3870**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0380, -11.1900, 15.5780**, and **12.4570, -11.0520, 13.0760** is the 20% darker color. If you saturate the color by 10%, you get **49.5970, -14.2620, 16.1860**, and if you desaturate by 10%, it is **65.5450, -8.4840, 10.5880**.

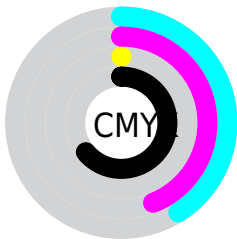
Distribution



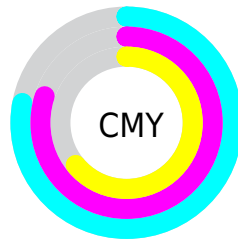
- Red (22%)
- Green (20%)
- Blue (36%)



- Red (22%)
- Yellow (20%)
- Blue (36%)



- Cyan (41%)
- Magenta (44%)
- Yellow (0%)
- Black (64%)



- Cyan (78%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.5710, -11.3730, 13.3870 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 57.5710, -11.3730, 13.3870 by changing the saturation by 10% instead.

■ 57.5710, -11.3730,
13.3870

■ 57.5710, -11.3730,
13.3870

■ 255.0000, -0.0000,
-0.0000

■ 35.6310, -11.6020,
12.0300

■ 105.0380,
-11.1900, 15.5780

■ 12.7560, -10.4560,
13.2880

■ 130.1520,
-11.5110, 15.8890

■ 3.4370, -8.3000,
7.2520

■ 156.6790,
-11.5570, 16.7230

■ 0.0000, 0.0000,
0.0000

■ 183.7930,
-11.8780, 17.0340

■ 211.2060,
-11.6030, 17.5570

■ 236.1280, -2.9360,

9.1600

■ 57.5710, -11.3730,
13.3870

■ 57.5710, -11.3730,
13.3870

■ 49.5970, -14.2620,
16.1860

■ 65.5450, -8.4840,
10.5880

■ 41.3350, -16.2800,
19.7200

■ 73.8070, -6.4660,
7.0540

■ 33.3610, -19.1690,
22.5190

■ 81.7810, -3.5770,
4.2550

■ 25.6860, -21.4620,
25.5300

■ 89.4560, -1.2840,
1.2440

■ 17.7120, -24.3510,
28.3290

■ 97.4300, 1.6050,
-1.5550

■ 12.6950, -25.6810,
30.4070

■ 105.9910, 4.2190,
-4.8770

■ 113.6660, 6.5120,
-7.8880

■ 121.6400, 9.4010,
-10.6870

■ 130.2010, 12.0150,
-14.0090

Harmonies

Analogous

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



46.1040, -47.0870, -0.1670



57.5710, -11.3730, 13.3870



58.7540, 10.2210, 18.5170

Triad

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



57.5710, -11.3730, 13.3870



56.0990, 30.3980, -0.2420



45.5990, -36.0800, -17.9360

Complementary

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



57.5710, -11.3730, 13.3870



87.4290, 11.3730, -13.3870

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.



48.6090, -15.6770, -18.7570



57.5710, -11.3730, 13.3870



54.3980, 21.8260, -10.0940

Square

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



57.5710, -11.3730, 13.3870



56.6190, 32.2300, 10.6140



52.5100, 6.6510, -15.9170



47.8790, -42.5000, -11.7160

Rectangle

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



57.5710, -11.3730, 13.3870



57.9140, 21.4540, 18.6860



52.5100, 6.6510, -15.9170



44.1000, -33.2370, -19.9010

Sweetspot

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



57.5710, -11.3730, 13.3870



106.1230, -4.5400, 5.1880



78.9800, -23.6110, -7.1230



52.4390, -2.6140, 3.3220



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



57.5710, -11.3730, 13.3870



64.7910, -17.5640, 20.9640



63.5510, 0.5470, 17.6270



41.8690, -1.0090, 1.7670



14.9320, -30.5420, 35.9060



32.1010, -65.9450, 77.3110

Inverse Universe

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



68.5910, 12.2380, 20.5100



81.8620, 19.2050, 31.9170



81.4490, -0.5470, -17.6270



43.0650, 1.3750, 2.6150



44.5180, 32.8180, 55.0420



95.9430, 70.6320, 118.6640

Previews

White Background



This preview shows how the YIQ color 57.5710, -11.3730, 13.3870 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



This preview shows how the YIQ color 57.5710, -11.3730, 13.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

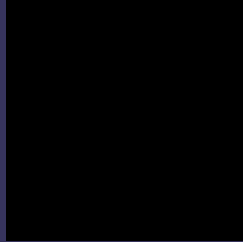
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.5710, -11.3730, 13.3870

Background



This preview shows how black text looks on a background with the YIQ color 57.5710, -11.3730, 13.3870.



This preview shows how white text looks on a background with the YIQ color 57.5710, -11.3730,

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

57.5710, -11.3730, 13.3870

Protanopia

55.7760, -22.3760, 9.0480

Deuteranopia

54.7110, -23.7510, 6.4330



Tritanopia

56.1670, -7.8400, -1.0880

Trichromacy



Original Color

57.5710, -11.3730, 13.3870

Protanomaly

56.5700, -18.8000, 10.3200

Deuteranomaly

55.6300, -19.0290, 8.9630

Tritanomaly

56.5570, -8.7580, 4.5380

Monochromacy



Original Color

57.5710, -11.3730, 13.3870

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0090, -4.2190, 4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.5710, -11.3730, 13.3870 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(55, 52, 93)` looks like.

```
.text, #text, p{  
    color:rgb(55, 52, 93)  
}
```

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(55, 52, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 52, 93) }
```

Border

The CSS property to change the border of an element to YIQ 57.5710, -11.3730, 13.3870 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(55, 52, 93) }
```


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

```
.border{ border-color:rgb(55, 52, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 52, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 52, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 52, 93);  
box-shadow:4px 4px 4px 4px rgb(55, 52, 93)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.5710, -11.3730, 13.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 52, 93) }
```

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

```
.background{ background-color: rgb(55, 52,  
93) }
```

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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