

Converting Colors

YIQ(50.5730, 21.8170, 39.6490)

Have a look what the booklet for
YIQ(50.5730, 21.8170, 39.6490)
contains.

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Color

**YIQ(50.5730, 21.8170,
39.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	60135E
RGB	96, 19, 94
RGB Percent	38%, 7%, 37%
CMY	0.6233, 0.9256, 0.6313
CMYK	0.00, 0.80, 0.02, 0.62
HSL	302°, 67%, 23%
HSV	302°, 80%, 38%
XYZ	7.0831, 3.7629, 10.9444
YIQ	50.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

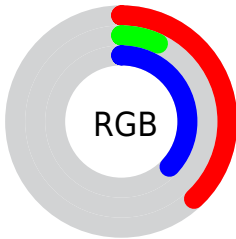
Format	Color
RYB	96, 19, 94
Decimal	6296414
CIELab	22.87, 42.86, -25.97
CIElCh	23, 50.114, 328.786
Yxy	3.7629, 0.3251, 0.1727
Android (android.graphics.Color)	4284486494 (0xFF60135E)
YUV	50.5730, 21.4095, 39.8395
Hunter-Lab	19.3982, 31.2306, -19.8723

Details

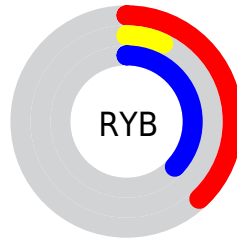
The YIQ color **50.5730, 21.8170, 39.6490** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **64.4270, -21.8170, -39.6490**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.3450, 22.4590, 39.0270**, and **19.4110, 12.9250, 24.5810** is the 20% darker color. If you saturate the color by 10%, you get **44.7030, 24.5670, 44.8790**, and if you desaturate by 10%, it is **56.4430, 19.0670, 34.4190**.

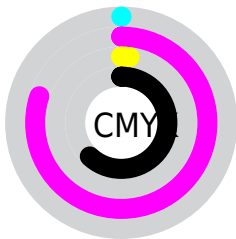
Distribution



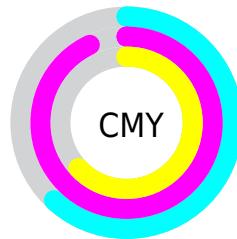
- Red (38%)
- Green (7%)
- Blue (37%)



- Red (38%)
- Yellow (7%)
- Blue (37%)



- Cyan (0%)
- Magenta (80%)
- Yellow (2%)
- Black (62%)



- Cyan (62%)
- Magenta (93%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.5730, 21.8170, 39.6490 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 50.5730, 21.8170, 39.6490 by changing the saturation by 10% instead.

■ 50.5730, 21.8170,
39.6490

■ 50.5730, 21.8170,
39.6490

■ 255.0000, -0.0000,
-0.0000

■ 29.2090, 19.8460,
36.8220

■ 103.3450, 22.4590,
39.0270

■ 19.4110, 12.9250,
24.5810

■ 130.0570, 23.3300,
39.7620

■ 7.4490, 0.5940,
11.2660

■ 156.7690, 24.2010,
40.4970

■ 0.0000, 0.0000,
0.0000


■ 183.8940, 25.3470,
41.7550


■ 209.8010, 21.1750,
40.2710


■ 226.2370, 13.4750,


25.6270


 243.2600, 5.5000,
10.4600


 50.5730, 21.8170,
39.6490


 50.5730, 21.8170,
39.6490


 44.7030, 24.5670,
44.8790

 56.4430, 19.0670,
34.4190

 39.4200, 27.0420,
49.5860

 61.8400, 16.2710,
30.0230

 67.7100, 13.5210,
24.7930

 72.9930, 11.0460,
20.0860

 78.8630, 8.2960,
14.8560

■ 84.8470, 5.2250,
9.9370

■ 90.1300, 2.7500,
5.2300

■ 96.0000, -0.0000,
0.0000

■ 101.2830, -2.4750,
-4.7070

Harmonies

Analogous

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



52.7670, -26.1840, 23.0000



50.5730, 21.8170, 39.6490



41.2960, 50.5180, 42.6300

Triad

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



50.5730, 21.8170, 39.6490



51.7420, 26.5490, -13.0910



51.3500, -48.1400, -8.6200

Complementary

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



50.5730, 21.8170, 39.6490



64.4270, -21.8170, -39.6490

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.



46.4310, -35.6670, -19.9150



50.5730, 21.8170, 39.6490



46.2610, 2.6180, -25.4300

Square

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



50.5730, 21.8170, 39.6490



49.5480, 48.1870, 2.2590



40.4690, -21.6350, -31.9310



53.4820, -56.8990, 1.4450

Rectangle

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



50.5730, 21.8170, 39.6490



38.7450, 59.1390, 35.0670



40.4690, -21.6350, -31.9310



49.9820, -44.2880, -12.3520

Sweetspot

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



50.5730, 21.8170, 39.6490



107.2760, 8.5710, 15.3790



28.0770, -24.1210, 24.1590



52.7330, 5.5460, 9.6260



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



50.5730, 21.8170, 39.6490



54.2180, 33.9630, 61.8270



46.2410, 34.0150, 27.8310



45.6520, 1.1000, 2.0920



45.9140, 31.7630, 57.6430



98.3220, 68.2470, 123.3430

Inverse Universe

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



50.5730, 21.8170, 39.6490



54.2180, 33.9630, 61.8270



68.7590, -34.0150, -27.8310



45.6520, 1.1000, 2.0920



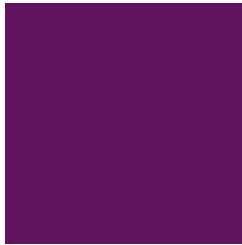
45.9140, 31.7630, 57.6430



98.3220, 68.2470, 123.3430

Previews

White Background



This preview shows how the YIQ color 50.5730, 21.8170, 39.6490 looks on a white background.

Color Contrast Check

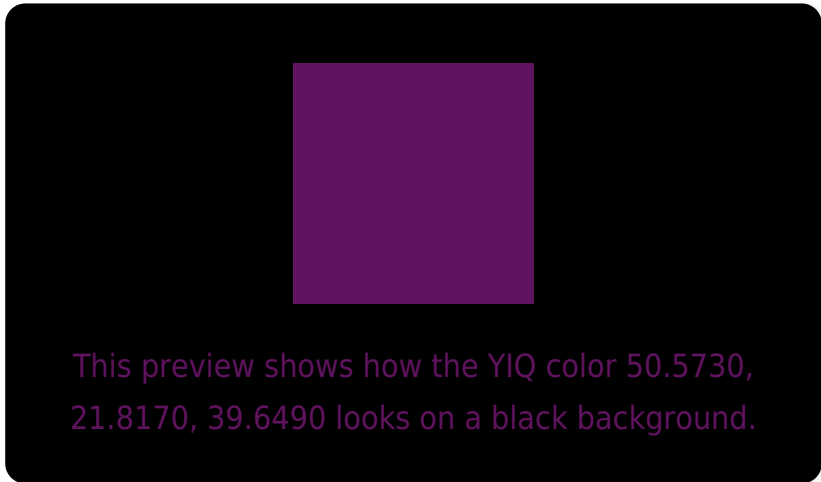
Large Text (above 18pt) WCAG AA ✓ Pass

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

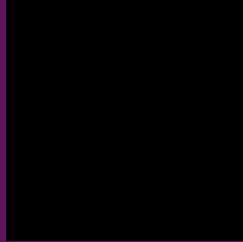
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.5730, 21.8170, 39.6490

Background



This preview shows how black text looks on a background with the YIQ color 50.5730, 21.8170, 39.6490.



This preview shows how white text looks on a background with the YIQ color 50.5730, 21.8170,

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

50.5730, 21.8170, 39.6490

Protanopia

44.9220, -52.0860, 7.8340

Deuteranopia

54.6790, -20.7250, 6.6590



Tritanopia

55.5910, 29.4330, 11.7450

Trichromacy



Original Color

50.5730, 21.8170, 39.6490

Protanomaly

46.8440, -25.0830, 19.5650

Deuteranomaly

53.5550, -5.2760, 18.5320

Tritanomaly

53.6590, 26.7260, 22.2620

Monochromacy



Original Color

50.5730, 21.8170, 39.6490

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.5640, 7.7000, 14.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.5730, 21.8170, 39.6490 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(96, 19, 94)` looks like.

```
.text, #text, p{  
    color:rgb(96, 19, 94)  
}
```

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(96, 19, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 19, 94) }
```

Border

The CSS property to change the border of an element to YIQ 50.5730, 21.8170, 39.6490 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(96, 19, 94) }
```


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

```
.border{ border-color:rgb(96, 19, 94) }
```

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

Here you see how a box with a 4 pixel rgb(96, 19, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 19, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 19, 94);  
box-shadow:4px 4px 4px 4px rgb(96, 19, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 50.5730, 21.8170, 39.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 19, 94) }
```

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

```
.background{ background-color: rgb(96, 19,  
94) }
```

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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