

Converting Colors

YIQ(38.7090, 6.0940, 21.7260)

Have a look what the booklet for
YIQ(38.7090, 6.0940, 21.7260)
contains.

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Color

**YIQ(38.7090, 6.0940,
21.7260)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1745
RGB	58, 23, 69
RGB Percent	23%, 9%, 27%
CMY	0.7724, 0.9099, 0.7294
CMYK	0.16, 0.67, 0.00, 0.73
HSL	286°, 50%, 18%
HSV	286°, 67%, 27%
XYZ	3.1268, 1.9422, 5.8398
YIQ	38.7090, 6.0940, 21.7260

Conversions

Conversions Part 2

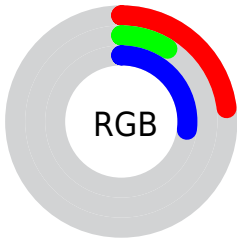
Format	Color
R_{YB}	58, 23, 69
Decimal	3807045
CIE _{Lab}	15.18, 25.81, -21.66
CIE _{LCh}	15, 33.695, 319.990
Yxy	1.9422, 0.2866, 0.1780
Android (android.graphics.Color)	4281997125 (0xFF3A1745)
YUV	38.7090, 14.9335, 16.9182
Hunter-Lab	13.9364, 15.6594, -15.0890

Details

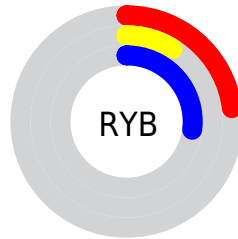
The YIQ color **38.7090, 6.0940, 21.7260** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.2910, -6.0940, -21.7260**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **85.3610, 7.1940, 23.8180**, and **2.8500, -8.0250, 7.7750** is the 20% darker color. If you saturate the color by 10%, you get **34.0020, 6.8270, 24.9630**, and if you desaturate by 10%, it is **43.4160, 5.3610, 18.4890**.

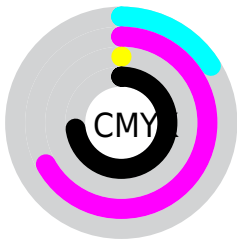
Distribution



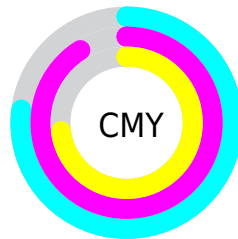
- Red (23%)
- Green (9%)
- Blue (27%)



- Red (23%)
- Yellow (9%)
- Blue (27%)



- Cyan (16%)
- Magenta (67%)
- Yellow (0%)
- Black (73%)



- Cyan (77%)
- Magenta (91%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.7090, 6.0940, 21.7260 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 38.7090, 6.0940, 21.7260 by changing the saturation by 10% instead.

■ 38.7090, 6.0940,
21.7260

■ 38.7090, 6.0940,
21.7260

■ 254.4130, 0.2750,
0.5230

■ 16.0080, 6.6900,
21.9380

■ 85.3610, 7.1940,
23.8180

■ 2.8500, -8.0250,
7.7750

■ 110.0730, 8.0650,
24.5530

■ 0.0000, 0.0000,
0.0000

■ 135.6000, 8.0190,
25.3870


■ 162.0130, 8.2940,
25.9100


■ 189.4260, 8.5690,
26.4330


■ 217.2520, 9.1190,


27.4790

 237.9770, 7.9750,
15.1670

 38.7090, 6.0940,
21.7260

 38.7090, 6.0940,
21.7260


 34.0020, 6.8270,
24.9630


 43.4160, 5.3610,
18.4890


 29.5940, 8.1560,
28.4120


 47.8240, 4.0320,
15.0400

 24.8870, 8.8890,
31.6490

 52.5310, 3.2990,
11.8030

 23.7130, 9.4390,
32.6950

 57.2380, 2.5660,
8.5660

 61.0590, 1.5120,
5.6400

■ 65.7660, 0.7790,
2.4030

■ 70.4730, 0.0460,
-0.8340

■ 74.8810, -1.2830,
-4.2830

■ 79.5880, -2.0160,
-7.5200

Harmonies

Analogous

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



34.1930, -27.9240, 10.4760



38.7090, 6.0940, 21.7260



33.9520, 27.4590, 25.4990

Triad

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



38.7090, 6.0940, 21.7260



36.4030, 23.4300, -6.1220



34.3320, -30.5340, -8.3100

Complementary

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



38.7090, 6.0940, 21.7260



53.2910, -6.0940, -21.7260

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.



31.4820, -22.5090, -16.0850



38.7090, 6.0940, 21.7260



34.8200, 8.7140, -14.7580

Square

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



38.7090, 6.0940, 21.7260



34.7300, 35.9910, 3.0230



27.0020, -12.6500, -24.0580



36.0250, -36.6790, -1.5670

Rectangle

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



38.7090, 6.0940, 21.7260



31.8510, 34.9330, 22.2050



27.0020, -12.6500, -24.0580



33.4200, -27.9660, -10.7980

Sweetspot

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



38.7090, 6.0940, 21.7260



77.2380, 2.5660, 8.5660



34.7010, -17.7910, 8.5530



38.6460, 1.2370, 5.1170



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



38.7090, 6.0940, 21.7260



42.2400, 9.3930, 33.5290



40.6300, 16.5020, 20.3260



33.3530, 0.5040, 1.8800



34.0100, 13.5170, 46.9010



77.6050, 30.2410, 107.2730

Inverse Universe

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



38.0080, 23.8850, 13.1730



41.1670, 36.8590, 20.3390



51.2560, -16.1810, -20.6370



33.3100, 2.0630, 1.1590



32.3370, 51.3000, 28.4520



74.0290, 117.9580, 64.9180

Previews

White Background



This preview shows how the YIQ color 38.7090, 6.0940, 21.7260 looks on a white background.

Color Contrast Check

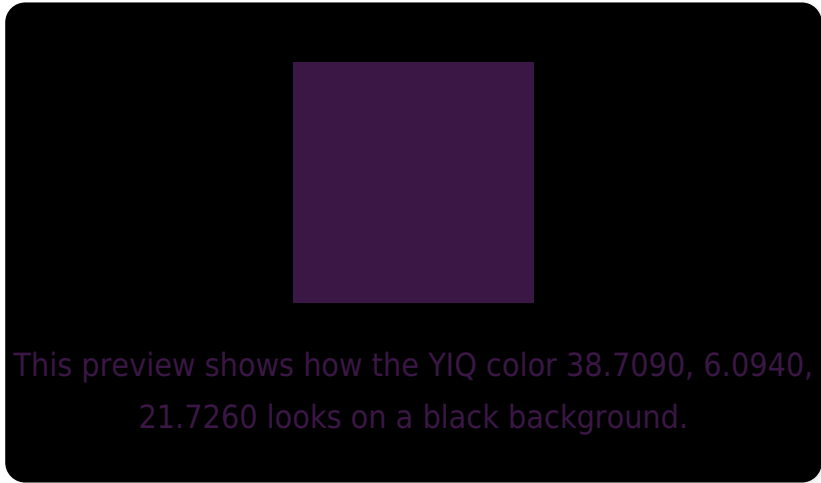
Large Text (above 18pt) WCAG AA ✓ Pass

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

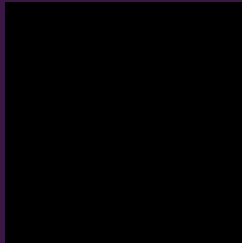
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 38.7090, 6.0940, 21.7260

Background



This preview shows how black text looks on a background with the YIQ color 38.7090, 6.0940, 21.7260.



This preview shows how white text looks on a background with the YIQ color 38.7090, 6.0940,

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

38.7090, 6.0940, 21.7260

Protanopia

31.4260, -36.1300, 5.0060

Deuteranopia

36.3970, -19.9910, 4.3690



Tritanopia

39.3220, 10.9570, 5.1730

Trichromacy



Original Color

38.7090, 6.0940, 21.7260

Protanomaly

34.3140, -20.9550, 10.8290

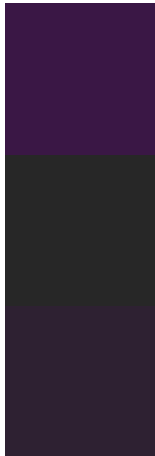
Deuteranomaly

37.1750, -10.3180, 10.7860

Tritanomaly

38.9400, 9.3970, 11.4210

Monochromacy



Original Color

38.7090, 6.0940, 21.7260

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.8250, 2.2910, 8.0430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.7090, 6.0940, 21.7260 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(58, 23, 69)` looks like.

```
.text, #text, p{  
    color:rgb(58, 23, 69)  
}
```

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(58, 23, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 23, 69) }
```

Border

The CSS property to change the border of an element to YIQ 38.7090, 6.0940, 21.7260 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(58, 23, 69) }
```


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

```
.border{ border-color:rgb(58, 23, 69) }
```

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

Here you see how a box with a 4 pixel rgb(58, 23, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 23, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 23, 69);  
box-shadow:4px 4px 4px 4px rgb(58, 23, 69)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.7090, 6.0940, 21.7260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 23, 69) }
```

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

```
.background{ background-color: rgb(58, 23,  
69) }
```

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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