

Converting Colors

YIQ(46.7390, 5.4090, 6.6010)

Have a look what the booklet for
YIQ(46.7390, 5.4090, 6.6010)
contains.

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Color

YIQ(46.7390, 5.4090, 6.6010)

Conversions

Conversions Part 1

Format	Color
Hex	382934
RGB	56, 41, 52
RGB Percent	22%, 16%, 20%
CMY	0.7803, 0.8392, 0.7961
CMYK	0.00, 0.27, 0.07, 0.78
HSL	316°, 15%, 19%
HSV	316°, 27%, 22%
XYZ	3.0441, 2.6745, 3.6050
YIQ	46.7390, 5.4090, 6.6010

Conversions

Conversions Part 2

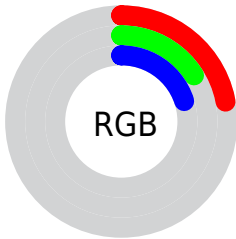
Format	Color
R_{YB}	56, 41, 52
Decimal	3680564
CIE Lab	18.69, 9.26, -4.41
CIE LCh	19, 10.257, 334.530
Yxy	2.6745, 0.3265, 0.2869
Android (android.graphics.Color)	4281870644 (0xFF382934)
YUV	46.7390, 2.5937, 8.1219
Hunter-Lab	16.3538, 4.6071, -1.6220

Details

The YIQ color **46.7390, 5.4090, 6.6010** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.2610, -5.4090, -6.6010**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.4510, 6.2800, 7.3360**, and **2.6630, 2.5670, 3.0390** is the 20% darker color. If you saturate the color by 10%, you get **43.1030, 7.3800, 9.4280**, and if you desaturate by 10%, it is **50.3750, 3.4380, 3.7740**.

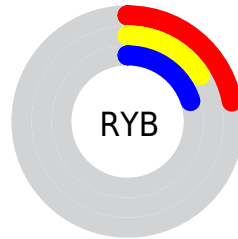
Distribution



Red (22%)

Green (16%)

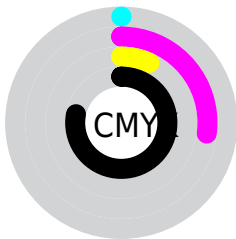
Blue (20%)



Red (22%)

Yellow (16%)

Blue (20%)

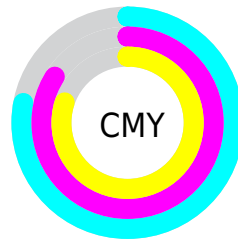


Cyan (0%)

Magenta (27%)

Yellow (7%)

Black (78%)



Cyan (78%)

Magenta (84%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 46.7390, 5.4090, 6.6010 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 46.7390, 5.4090, 6.6010 by changing the saturation by 10% instead.

■ 46.7390, 5.4090,
6.6010

■ 46.7390, 5.4090,
6.6010

255.0000, -0.0000,
-0.0000

■ 26.0270, 4.5380,
5.8660

■ 92.4510, 6.2800,
7.3360

■ 2.6630, 2.5670,
3.0390

■ 117.4510, 6.2800,
7.3360

■ 0.0000, 0.0000,
0.0000

■ 142.8640, 6.5550,
7.8590

■ 169.2770, 6.8300,
8.3820

■ 196.5760, 7.4260,
8.5940

■ 224.5760, 7.4260,

8.5940

249.7170, 2.4750,
4.7070

46.7390, 5.4090,
6.6010

46.7390, 5.4090,
6.6010

43.1030, 7.3800,
9.4280

50.3750, 3.4380,
3.7740

39.9400, 9.3970,
11.4210

53.5380, 1.4210,
1.7810

36.3040, 11.3680,
14.2480

57.1740, -0.5500,
-1.0460

33.1410, 13.3850,
16.2410

60.3370, -2.5670,
-3.0390

29.5050, 15.3560,
19.0680

63.9730, -4.5380,
-5.8660

■ 25.7550, 17.6480,
21.5840

■ 67.7230, -6.8300,
-8.3820

■ 22.7060, 19.3440,
23.8880

■ 70.7720, -8.5260,
-10.6860

■ 21.4180, 20.2150,
24.6230

■ 74.5220, -10.8180,
-13.2020

■ 77.5710, -12.5140,
-15.5060

Harmonies

Analogous

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



46.2050, -1.8350, 5.7250



46.7390, 5.4090, 6.6010



46.5500, 10.3150, 5.7950

Triad

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



46.7390, 5.4090, 6.6010



44.8990, 7.4740, -3.2940



42.0950, -16.5050, -3.7450

Complementary

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



46.7390, 5.4090, 6.6010



50.2610, -5.4090, -6.6010

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.



42.3680, -13.0200, -6.3320



46.7390, 5.4090, 6.6010



44.4960, 1.2390, -5.9370

Square

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



46.7390, 5.4090, 6.6010



45.6330, 11.2790, -0.6650



43.0760, -6.3260, -6.5020



43.2740, -15.4510, -0.8190

Rectangle

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



46.7390, 5.4090, 6.6010



46.2790, 12.5160, 4.4520



43.0760, -6.3260, -6.5020



42.3400, -15.8170, -5.2010

Sweetspot

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



46.7390, 5.4090, 6.6010



70.2500, 2.2920, 2.5160



43.9060, -2.4310, 5.5130



35.5380, 1.4210, 1.7810



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



46.7390, 5.4090, 6.6010



59.2280, 8.5260, 10.6860



45.8270, 7.9770, 4.1130



26.1250, 1.1460, 1.2580



35.1460, 33.3250, 40.3410



83.8350, 78.8430, 96.4990

Inverse Universe

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



46.7390, 5.4090, 6.6010



59.2280, 8.5260, 10.6860



51.1730, -7.9770, -4.1130



26.1250, 1.1460, 1.2580



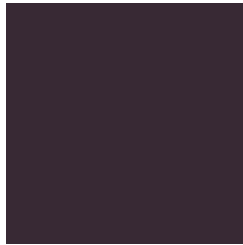
35.1460, 33.3250, 40.3410



83.8350, 78.8430, 96.4990

Previews

White Background



This preview shows how the YIQ color 46.7390, 5.4090, 6.6010 looks on a white background.

Color Contrast Check

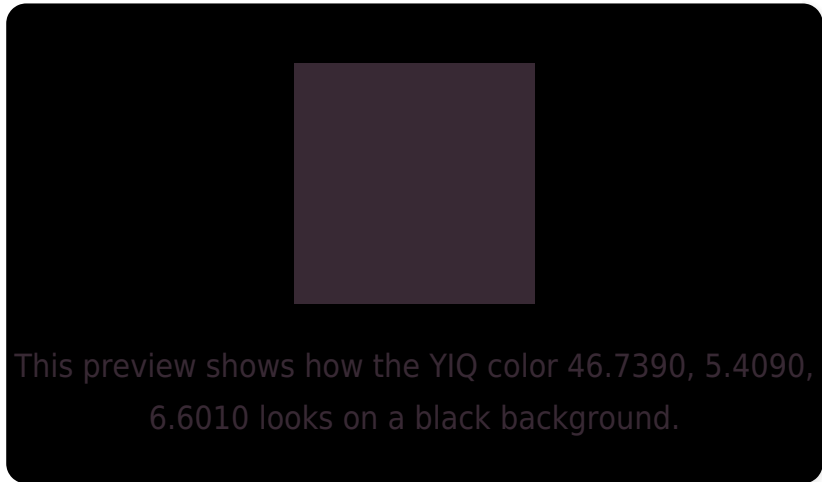
Large Text (above 18pt) WCAG AA ✓ Pass

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

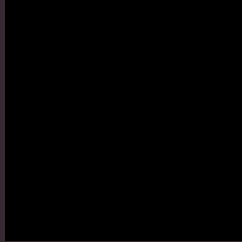
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 46.7390, 5.4090, 6.6010

Background



This preview shows how black text looks on a background with the YIQ color 46.7390, 5.4090, 6.6010.



This preview shows how white text looks on a background with the YIQ color 46.7390, 5.4090, 6.6010.

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

46.7390, 5.4090, 6.6010

Protanopia

45.8410, -3.8060, 2.8980

Deuteranopia

45.6950, -0.4590, 2.8130



Tritanopia

46.2290, 6.7850, 3.6890

Trichromacy



Original Color

46.7390, 5.4090, 6.6010

Protanomaly

46.3360, -0.8260, 3.9580

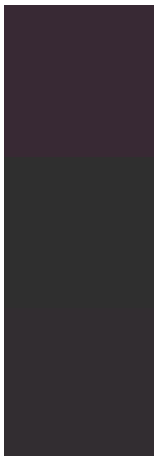
Deuteranomaly

46.0050, 1.6040, 3.9720

Tritanomaly

46.5710, 5.8220, 4.6220

Monochromacy



Original Color

46.7390, 5.4090, 6.6010

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9510, 1.6960, 2.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 46.7390, 5.4090, 6.6010 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(56, 41, 52)` looks like.

```
.text, #text, p{  
    color:rgb(56, 41, 52)  
}
```

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(56, 41, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 41, 52) }
```

Border

The CSS property to change the border of an element to YIQ 46.7390, 5.4090, 6.6010 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(56, 41, 52) }
```

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

```
.border{ border-color:rgb(56, 41, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 41, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 41, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 41, 52);  
box-shadow:4px 4px 4px 4px rgb(56, 41, 52)  
}
```


Background

The CSS property to change the background color of an element to YIQ 46.7390, 5.4090, 6.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 41, 52) }
```

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

```
.background{ background-color: rgb(56, 41,  
52) }
```

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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