

Converting Colors

YIQ(47.0120, 36.3980, 34.2060)

Have a look what the booklet for
YIQ(47.0120, 36.3980, 34.2060)
contains.

YIQ(47.0120, 36.3980, 34.2060)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(47.0120, 36.3980,
34.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	670F41
RGB	103, 15, 65
RGB Percent	40%, 6%, 25%
CMY	0.5958, 0.9413, 0.7450
CMYK	0.00, 0.85, 0.37, 0.60
HSL	326°, 75%, 23%
HSV	326°, 85%, 40%
XYZ	6.7258, 3.6098, 5.3474
YIQ	47.0120, 36.3980, 34.2060

Conversions

Conversions Part 2

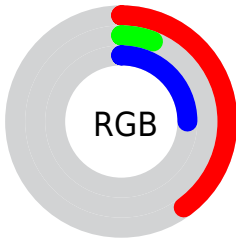
Format	Color
R_{YB}	103, 15, 65
Decimal	6754113
CIE _{Lab}	22.34, 41.56, -7.14
CIE _{LCh}	22, 42.174, 350.248
Yxy	3.6098, 0.4289, 0.2302
Android (android.graphics.Color)	4284944193 (0xFF670F41)
YUV	47.0120, 8.8681, 49.1015
Hunter-Lab	18.9994, 29.9400, -3.3876

Details

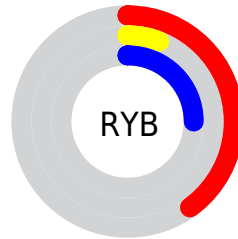
The YIQ color **47.0120, 36.3980, 34.2060** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.9880, -36.3980, -34.2060**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.3280, 38.3240, 32.3400**, and **18.4690, 24.2050, 18.3890** is the 20% darker color. If you saturate the color by 10%, you get **40.6860, 40.4320, 38.1920**, and if you desaturate by 10%, it is **53.3380, 32.3640, 30.2200**.

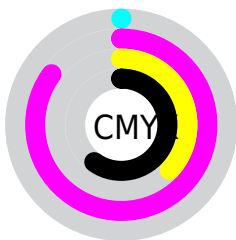
Distribution



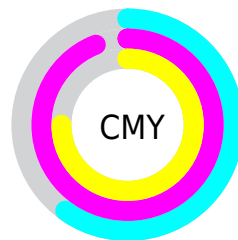
- Red (40%)
- Green (6%)
- Blue (25%)



- Red (40%)
- Yellow (6%)
- Blue (25%)



- Cyan (0%)
- Magenta (85%)
- Yellow (37%)
- Black (60%)



- Cyan (60%)
- Magenta (94%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.0120, 36.3980, 34.2060 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 47.0120, 36.3980, 34.2060 by changing the saturation by 10% instead.

47.0120, 36.3980,
34.2060

47.0120, 36.3980,
34.2060

255.0000, -0.0000,
-0.0000

27.9250, 32.0890,
29.6970

100.6270, 38.9200,
32.5520

18.4690, 24.2050,
18.3890

127.1110, 40.4330,
32.6650

5.6810, 11.3240,
4.0280

153.8230, 41.3040,
33.4000

0.0000, 0.0000,
0.0000


181.7200, 43.0920,
34.0360


203.9360, 33.5560,
30.6440


223.6780, 16.5470,


25.0190


 241.4990, 6.3250,
12.0290


 47.0120, 36.3980,
34.2060


 47.0120, 36.3980,
34.2060


 40.6860, 40.4320,
38.1920


 53.3380, 32.3640,
30.2200

 37.5230, 42.4490,
40.1850

 60.3650, 27.7340,
26.0220

 66.6910, 23.7000,
22.0360

 73.1310, 19.3450,
18.3610

 80.0440, 15.0360,
13.8520

■ 86.4840, 10.6810,
10.1770

■ 92.8100, 6.6470,
6.1910

■ 99.2500, 2.2920,
2.5160

■ 106.1630, -2.0170,
-1.9930

Harmonies

Analogous

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



54.0070, 8.4310, 28.9350



47.0120, 36.3980, 34.2060



45.2610, 48.4580, 24.8900

Triad

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



47.0120, 36.3980, 34.2060



48.0990, 12.0620, -20.3700



49.6690, -50.2960, -2.5840

Complementary

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



47.0120, 36.3980, 34.2060



70.9880, -36.3980, -34.2060

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.



47.7650, -42.1790, -12.0270



47.0120, 36.3980, 34.2060



38.3660, -19.8470, -31.2950

Square

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



47.0120, 36.3980, 34.2060



50.6010, 31.5000, -9.2040



43.5300, -31.6320, -21.4560



48.4440, -53.7360, 4.6960

Rectangle

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



47.0120, 36.3980, 34.2060



48.2310, 48.0020, 11.1220



43.5300, -31.6320, -21.4560



49.3440, -48.0030, -5.5950

Sweetspot

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



47.0120, 36.3980, 34.2060



112.7450, 14.4400, 13.6400



36.0950, -6.1960, 35.2120



55.6470, 8.6640, 8.1840



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.



47.0120, 36.3980, 34.2060



49.1430, 55.7430, 52.5670



42.1100, 50.2010, 20.8330



47.8370, 2.0170, 1.9930



41.7950, 47.6750, 44.5950



88.0900, 99.9340, 94.2220

Inverse Universe

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



47.0120, 36.3980, 34.2060



49.1430, 55.7430, 52.5670



75.8900, -50.2010, -20.8330



47.8370, 2.0170, 1.9930



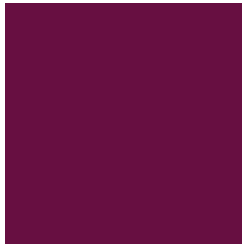
41.7950, 47.6750, 44.5950



88.0900, 99.9340, 94.2220

Previews

White Background



This preview shows how the YIQ color 47.0120, 36.3980, 34.2060 looks on a white background.

Color Contrast Check

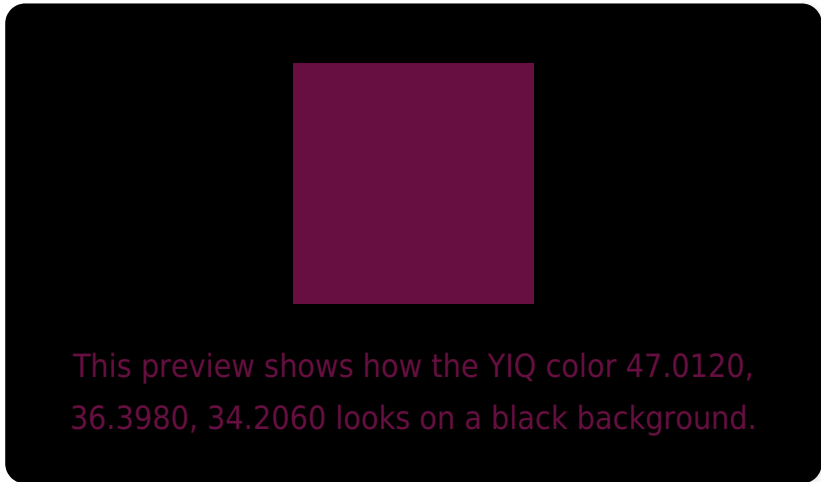
Large Text (above 18pt) WCAG AA ✓ Pass

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

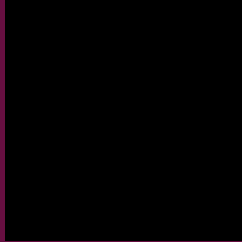
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.0120, 36.3980, 34.2060

Background



This preview shows how black text looks on a background with the YIQ color 47.0120, 36.3980, 34.2060.



This preview shows how white text looks on a background with the YIQ color 47.0120, 36.3980,

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

47.0120, 36.3980, 34.2060

Protanopia

55.1030, -18.9830, 8.1290

Deuteranopia

56.2930, 0.7330, 3.2370



Tritanopia

50.6420, 42.5910, 15.5750

Trichromacy



Original Color

47.0120, 36.3980, 34.2060

Protanomaly

51.8500, 1.1430, 17.8390

Deuteranomaly

52.9730, 13.7980, 14.2620

Tritanomaly

49.4880, 40.3890, 22.4450

Monochromacy



Original Color

47.0120, 36.3980, 34.2060

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7340, 12.9730, 12.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.0120, 36.3980, 34.2060 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(103, 15, 65)` looks like.

```
.text, #text, p{  
    color:rgb(103, 15, 65)  
}
```

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(103, 15, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 15, 65) }
```

Border

The CSS property to change the border of an element to YIQ 47.0120, 36.3980, 34.2060 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(103, 15, 65) }
```


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

```
.border{ border-color:rgb(103, 15, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 15, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 15, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 15, 65);  
box-shadow:4px 4px 4px 4px rgb(103, 15,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 47.0120, 36.3980, 34.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 15, 65) }
```

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

```
.background{ background-color: rgb(103, 15,  
65) }
```

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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