

Converting Colors

YIQ(36.6340, 54.2370, 13.7650)

Have a look what the booklet for
YIQ(36.6340, 54.2370, 13.7650)
contains.

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Color

**YIQ(36.6340, 54.2370,
13.7650)**

Conversions

Conversions Part 1

Format	Color
Hex	610D00
RGB	97, 13, 0
RGB Percent	38%, 5%, 0%
CMY	0.6194, 0.9491, 0.9998
CMYK	0.00, 0.87, 1.00, 0.62
HSL	8°, 100%, 19%
HSV	8°, 100%, 38%
XYZ	5.0788, 2.8311, 0.2804
YIQ	36.6340, 54.2370, 13.7650

Conversions

Conversions Part 2

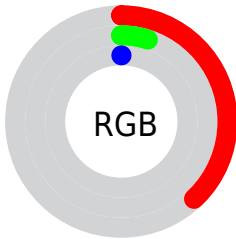
Format	Color
RYB	97, 15, 0
Decimal	6360320
CIELab	19.35, 35.94, 29.36
CIElCh	19, 46.404, 39.248
Yxy	2.8311, 0.6201, 0.3457
Android (android.graphics.Color)	4284550400 (0xFF610D00)
YUV	36.6340, -18.0606, 52.9410
Hunter-Lab	16.8260, 24.4330, 10.7900

Details

The YIQ color **36.6340, 54.2370, 13.7650** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **60.3660, -54.2370, -13.7650**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **89.5590, 58.8220, 13.2700**, and **13.5690, 26.4990, 9.8510** is the 20% darker color. If you saturate the color by 10%, you get **36.6340, 54.2370, 13.7650**, and if you desaturate by 10%, it is **42.4700, 48.8270, 12.6910**.

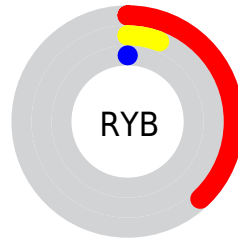
Distribution



Red (38%)

Green (5%)

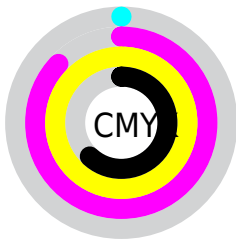
Blue (0%)



Red (38%)

Yellow (6%)

Blue (0%)

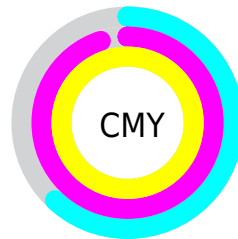


Cyan (0%)

Magenta (87%)

Yellow (100%)

Black (62%)



Cyan (62%)


Magenta (95%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 36.6340, 54.2370, 13.7650 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 36.6340, 54.2370, 13.7650 by changing the saturation by 10% instead.


 36.6340, 54.2370,
13.7650


 36.6340, 54.2370,
13.7650

 251.1070, 9.5840,
-8.4960


 20.6310, 41.1240,
14.6280


 89.5590, 58.8220,
13.2700


 13.5690, 26.4990,
9.8510


 115.4130, 62.1690,
13.1850

 0.0000, 0.0000,
0.0000

 142.3810, 65.1950,
13.4110

 169.4630, 67.9000,
13.9480

 191.8640, 59.2810,
10.4570

 211.3780, 42.9140,

4.2100

■ 230.8920, 26.5470,
-2.0370

■ 36.6340, 54.2370,
13.7650

■ 42.4700, 48.8270,
12.6910

■ 48.7790, 43.4630,
10.7830

■ 54.6150, 38.0530,
9.7090

■ 61.0380, 32.3680,
8.1120

■ 66.8740, 26.9580,
7.0380

■ 72.5960, 21.8690,
5.6530

■ 79.0190, 16.1840,
4.0560

■ 84.8550, 10.7740,
2.9820

■ 91.1640, 5.4100,
1.0740

Harmonies

Analogous

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



35.4280, 49.7860, 33.8660



36.6340, 54.2370, 13.7650



44.1550, 35.9920, -2.5040

Triad

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



36.6340, 54.2370, 13.7650



37.0270, -22.9660, -24.3260



41.2860, -50.1150, 10.6610

Complementary

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



36.6340, 54.2370, 13.7650



60.3660, -54.2370, -13.7650

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.



46.1130, -51.3060, 4.7100



36.6340, 54.2370, 13.7650



42.3050, -35.0720, -14.1760

Square

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



36.6340, 54.2370, 13.7650



35.2640, -10.6320, -27.5920



45.3660, -45.0690, -3.7010



46.9390, -6.0570, 27.1830

Rectangle

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



36.6340, 54.2370, 13.7650



44.3550, 23.3850, -10.8150



45.3660, -45.0690, -3.7010



43.7480, -51.5360, 8.8800

Sweetspot

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



36.6340, 54.2370, 13.7650



101.2970, 21.2730, 5.4410



38.8070, 30.2060, 47.3100



49.6380, 12.8830, 3.3070



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.



36.6340, 54.2370, 13.7650



47.3540, 69.8250, 17.6090



64.2230, 41.3120, -10.8160



45.1960, 2.3840, 0.8480



42.2930, 62.6270, 15.8990



90.5440, 134.2400, 34.1440

Inverse Universe

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



60.3660, -54.2370, -13.7650



77.6460, -69.8250, -17.6090



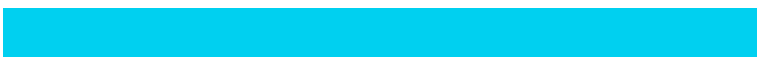
32.7770, -41.3120, 10.8160



46.8040, -2.3840, -0.8480



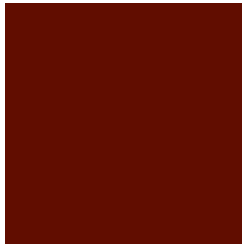
69.7070, -62.6270, -15.8990



149.4560, -134.2400, -34.1440

Previews

White Background



This preview shows how the YIQ color 36.6340, 54.2370, 13.7650 looks on a white background.

Color Contrast Check

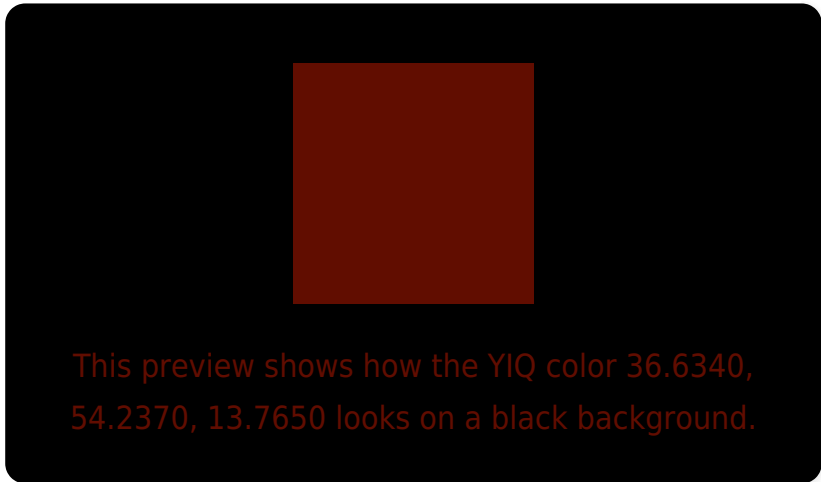
Large Text (above 18pt) WCAG AA ✓ Pass

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

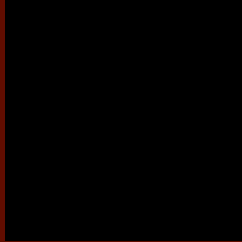
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 36.6340, 54.2370, 13.7650

Background



This preview shows how black text looks on a background with the YIQ color 36.6340, 54.2370, 13.7650.



This preview shows how white text looks on a background with the YIQ color 36.6340, 54.2370,

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

36.6340, 54.2370, 13.7650

Protanopia

47.4620, 15.7740, -10.5460

Deuteranopia

46.4260, 24.6230, -11.2250



Tritanopia

37.1870, 51.3020, 17.3980

Trichromacy



Original Color

36.6340, 54.2370, 13.7650

Protanomaly

43.8600, 29.5730, -1.8110

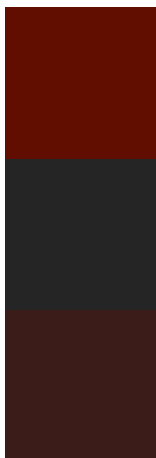
Deuteranomaly

42.9700, 35.0750, -2.4050

Tritanomaly

36.7310, 52.5860, 16.1540

Monochromacy



Original Color

36.6340, 54.2370, 13.7650

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

36.8130, 19.7600, 5.3280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.6340, 54.2370, 13.7650 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(97, 13, 0)` looks like.

```
.text, #text, p{  
    color:rgb(97, 13, 0)  
}
```

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(97, 13, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 13, 0) }
```

Border

The CSS property to change the border of an element to YIQ 36.6340, 54.2370, 13.7650 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(97, 13, 0) }
```


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

```
.border{ border-color:rgb(97, 13, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 13, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 13, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 13, 0); box-shadow:4px  
4px 4px 4px rgb(97, 13, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 36.6340, 54.2370, 13.7650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 13, 0) }
```

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

```
.background{ background-color: rgb(97, 13,  
0) }
```

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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