

Converting Colors

YIQ(36.7640, 66.1550, 29.0590)

Have a look what the booklet for
YIQ(36.7640, 66.1550, 29.0590)
contains.

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Color

**YIQ(36.7640, 66.1550,
29.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	76000D
RGB	118, 0, 13
RGB Percent	46%, 0%, 5%
CMY	0.5370, 0.9999, 0.9488
CMYK	0.00, 1.00, 0.89, 0.54
HSL	353°, 100%, 23%
HSV	353°, 100%, 46%
XYZ	7.5543, 3.8859, 0.7349
YIQ	36.7640, 66.1550, 29.0590

Conversions

Conversions Part 2

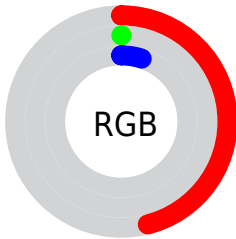
Format	Color
RYB	118, 0, 13
Decimal	7733261
CIELab	23.29, 45.62, 29.65
CIElCh	23, 54.405, 33.018
Yxy	3.8859, 0.6205, 0.3192
Android (android.graphics.Color)	4285923341 (0xFF76000D)
YUV	36.7640, -11.7157, 71.2440
Hunter-Lab	19.7128, 33.9070, 11.5887

Details

The YIQ color **36.7640, 66.1550, 29.0590** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.2360, -66.1550, -29.0590**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **96.8750, 69.9160, 21.4680**, and **18.3530, 36.0350, 13.2430** is the 20% darker color. If you saturate the color by 10%, you get **36.7640, 66.1550, 29.0590**, and if you desaturate by 10%, it is **45.0620, 59.3240, 26.2040**.

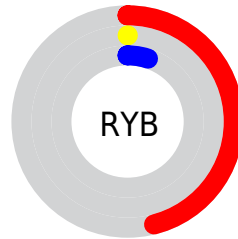
Distribution



Red (46%)

Green (0%)

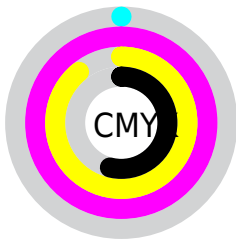
Blue (5%)



Red (46%)

Yellow (0%)

Blue (5%)

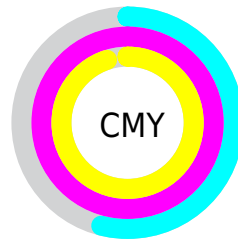


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (54%)



Cyan (54%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 36.7640, 66.1550, 29.0590 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 36.7640, 66.1550, 29.0590 by changing the saturation by 10% instead.


 36.7640, 66.1550,
29.0590


 36.7640, 66.1550,
29.0590


 252.9480, 5.7780,
-5.5980


 26.6110, 53.0440,
18.8680

 96.8750, 69.9160,
21.4680


 18.3530, 36.0350,
13.2430


 124.0280, 73.8590,
21.5950

 9.0840, 17.5590,
6.6710

 151.5830, 76.6100,
21.2980


 0.0000, 0.0000,
0.0000


 175.3650, 71.2920,
18.5560


 194.1780, 55.5210,
12.5210


 214.2790, 38.8790,


5.7510


 233.9070, 22.1910,
-0.1850


 36.7640, 66.1550,
29.0590

 45.0620, 59.3240,
26.2040

 53.2460, 52.8140,
23.0380

 60.9570, 46.2580,
20.7060

 69.1410, 39.7480,
17.5400

 77.4390, 32.9170,
14.6850

■ 85.6230, 26.4070,
11.5190

■ 93.9210, 19.5760,
8.6640

■ 101.5180, 13.3410,
6.0210

■ 109.8160, 6.5100,
3.1660

Harmonies

Analogous

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



42.8190, 56.2950, 42.5590



36.7640, 66.1550, 29.0590



51.3090, 47.3620, 0.6900

Triad

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



36.7640, 66.1550, 29.0590



42.0990, -23.4690, -31.7330



50.9520, -60.7980, 11.5380

Complementary

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



36.7640, 66.1550, 29.0590



81.2360, -66.1550, -29.0590

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.



55.2090, -60.3840, 4.0320



36.7640, 66.1550, 29.0590



48.4030, -38.4640, -18.7840

Square

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



36.7640, 66.1550, 29.0590



44.4340, -5.3590, -29.5430



53.5500, -51.5790, -6.8670



54.7510, -20.0870, 28.1450

Rectangle

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



36.7640, 66.1550, 29.0590



52.9600, 31.8670, -10.3490



53.5500, -51.5790, -6.8670



53.3000, -61.8980, 9.4460

Sweetspot

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



36.7640, 66.1550, 29.0590



121.3240, 25.8110, 11.3070



44.5480, 24.1060, 58.7460



57.7140, 15.7250, 6.8690



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



36.7640, 66.1550, 29.0590



47.6850, 85.7310, 37.7230



61.6970, 57.9530, 1.4810



54.7940, 3.5760, 1.2720



38.0740, 68.2180, 30.2180



77.9420, 140.0120, 61.7080

Inverse Universe

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



36.7640, 66.1550, 29.0590



47.6850, 85.7310, 37.7230



56.3030, -57.9530, -1.4810



54.7940, 3.5760, 1.2720



38.0740, 68.2180, 30.2180



77.9420, 140.0120, 61.7080

Previews

White Background



This preview shows how the YIQ color 36.7640, 66.1550, 29.0590 looks on a white background.

Color Contrast Check

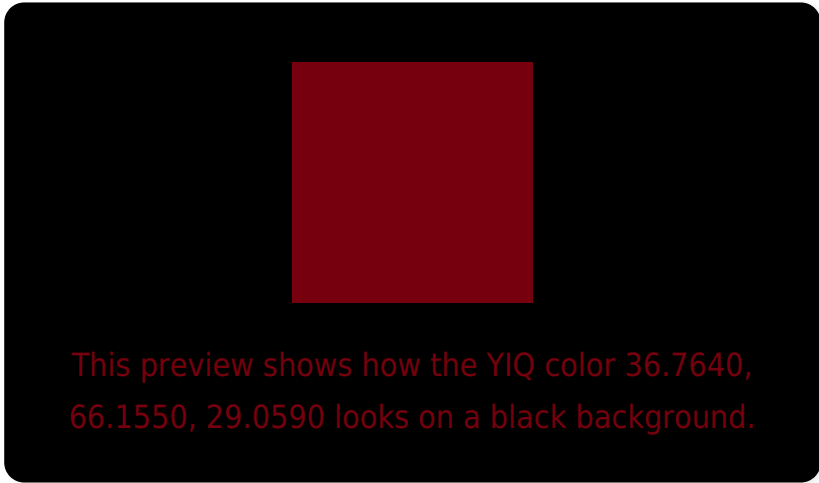
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7640, 66.1550, 29.0590

Background



This preview shows how black text looks on a background with the YIQ color 36.7640, 66.1550, 29.0590.



This preview shows how white text looks on a background with the YIQ color 36.7640, 66.1550,

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

36.7640, 66.1550, 29.0590

Protanopia

57.6900, 15.1320, -9.9240

Deuteranopia

55.8840, 29.0250, -13.9110



Tritanopia

41.4400, 66.7070, 19.0510

Trichromacy



Original Color

36.7640, 66.1550, 29.0590

Protanomaly

50.0010, 33.7900, 4.3660

Deuteranomaly

48.9110, 42.7310, 2.0190

Tritanomaly

39.6620, 66.2020, 22.6980

Monochromacy



Original Color

36.7640, 66.1550, 29.0590

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.0140, 23.7480, 10.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 36.7640, 66.1550, 29.0590 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(118, 0, 13)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 13)  
}
```

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(118, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 13) }
```

Border

The CSS property to change the border of an element to YIQ 36.7640, 66.1550, 29.0590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

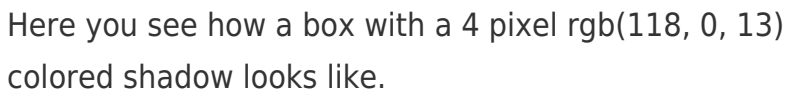
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 0, 13) }
```


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

```
.border{ border-color:rgb(118, 0, 13) }
```

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



Here you see how a box with a 4 pixel rgb(118, 0, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 13);  
box-shadow:4px 4px 4px 4px rgb(118, 0, 13)  
}
```

Background

The CSS property to change the background color of an element to YIQ 36.7640, 66.1550, 29.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 13) }
```

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

```
.background{ background-color: rgb(118, 0,  
13) }
```

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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