

Converting Colors

YIQ(37.2930, 8.7600, -15.5920)

Have a look what the booklet for
YIQ(37.2930, 8.7600, -15.5920)
contains.

YIQ(37.2930, 8.7600, -15.5920)	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(37.2930, 8.7600,
-15.5920)**

Conversions

Conversions Part 1

Format	Color
Hex	242D01
RGB	36, 45, 1
RGB Percent	14%, 18%, 0%
CMY	0.8589, 0.8235, 0.9960
CMYK	0.20, 0.00, 0.98, 0.82
HSL	72°, 96%, 9%
HSV	72°, 98%, 18%
XYZ	1.6712, 2.2541, 0.3762
YIQ	37.2930, 8.7600, -15.5920

Conversions

Conversions Part 2

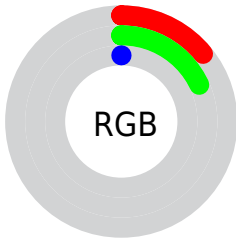
Format	Color
R_{YB}	1, 45, 10
Decimal	2370817
CIE Lab	16.77, -11.22, 23.53
CIE LCh	17, 26.069, 115.503
Yxy	2.2541, 0.3885, 0.5240
Android (android.graphics.Color)	4280560897 (0xFF242D01)
YUV	37.2930, -17.8924, -1.1340
Hunter-Lab	15.0137, -6.4047, 9.0239

Details

The YIQ color **37.2930, 8.7600, -15.5920** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **8.7070, -8.7600, 15.5920**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **83.4070, 8.4390, -15.2810**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.1790, 9.0810, -15.9030**, and if you desaturate by 10%, it is **38.1620, 7.7510, -13.8250**.

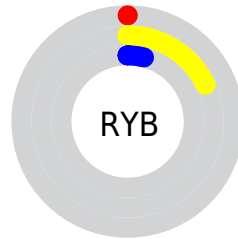
Distribution



Red (14%)

Green (18%)

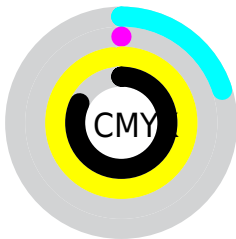
Blue (0%)



Red (0%)

Yellow (18%)

Blue (4%)

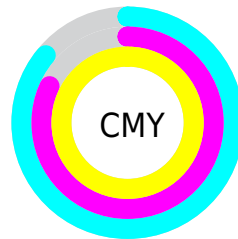


Cyan (20%)

Magenta (0%)

Yellow (98%)

Black (82%)



Cyan (86%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.2930, 8.7600, -15.5920 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 37.2930, 8.7600, -15.5920 by changing the saturation by 10% instead.

■ 37.2930, 8.7600,
-15.5920

■ 37.2930, 8.7600,
-15.5920

■ 251.9220, 8.6670,
-8.3970

■ 17.3660, -1.5110,
-11.1670

■ 83.4070, 8.4390,
-15.2810

■ 0.0000, 0.0000,
0.0000

■ 107.2930, 8.7600,
-15.5920

■ 133.0650, 9.4020,
-16.2140

■ 158.9510, 9.7230,
-16.5250

■ 185.8370, 10.0440,
-16.8360

■ 213.6090, 10.6860,

-17.4580

■ 242.4950, 11.0070,
-17.7690

■ 37.2930, 8.7600,
-15.5920

■ 37.2930, 8.7600,
-15.5920

■ 37.1790, 9.0810,
-15.9030

■ 38.1620, 7.7510,
-13.8250

■ 38.9170, 7.0630,
-12.3690

■ 39.7860, 6.0540,
-10.6020

■ 40.5410, 5.3660,
-9.1460

■ 41.4100, 4.3570,
-7.3790

■ 42.1650, 3.6690,
-5.9230

■ 42.7350, 2.0640,
-4.3680

■ 43.4900, 1.3760,
-2.9120

■ 44.3590, 0.3670,
-1.1450

Harmonies

Analogous

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



39.0390, 21.4590, -8.9490



37.2930, 8.7600, -15.5920



33.0330, -13.9350, -17.2870

Triad

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



37.2930, 8.7600, -15.5920



36.3840, -36.3120, -2.7120



41.0450, 22.4630, 16.9190

Complementary

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



37.2930, 8.7600, -15.5920



8.7070, -8.7600, 15.5920

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.



42.4440, 8.1580, 17.3580



37.2930, 8.7600, -15.5920



34.8340, -37.4590, 1.5570

Square

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



37.2930, 8.7600, -15.5920



35.8480, -32.0470, -8.4230



41.6200, -13.0690, 11.0830



39.8790, 28.5620, 11.0100

Rectangle

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



37.2930, 8.7600, -15.5920



32.8840, -23.7010, -16.5090



41.6200, -13.0690, 11.0830



41.4190, 18.4740, 17.6260

Sweetspot

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



37.2930, 8.7600, -15.5920



55.8660, 3.0730, -6.1350



19.4390, 23.7490, 4.6210



28.8490, 1.7430, -4.0570



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



37.2930, 8.7600, -15.5920



48.6860, 11.7870, -20.8930



30.7150, -4.3520, -20.2560



22.4730, 0.0460, -0.8340



71.7000, 17.1990, -30.8730



176.4480, 42.4700, -75.8820

Inverse Universe

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



8.7070, -8.7600, 15.5920



10.3140, -11.7870, 20.8930



15.2850, 4.3520, 20.2560



21.2280, -0.6420, 0.6220



15.3000, -17.1990, 30.8730



37.5520, -42.4700, 75.8820

Previews

White Background



This preview shows how the YIQ color 37.2930, 8.7600, -15.5920 looks on a white background.

Color Contrast Check

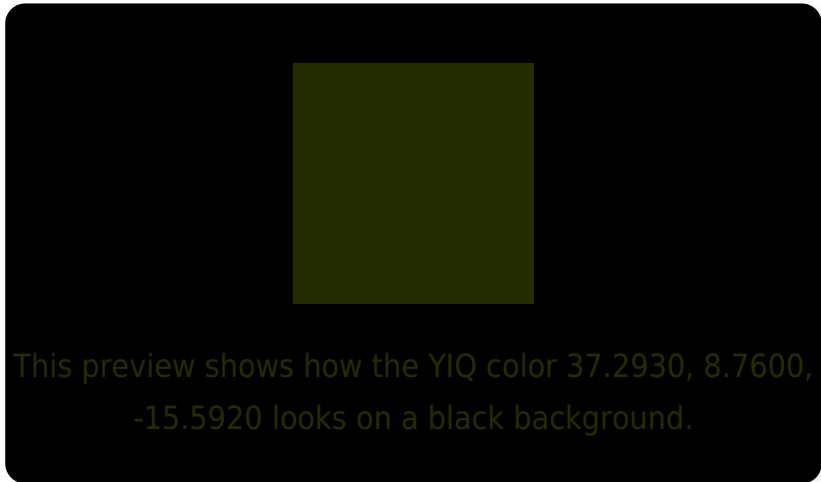
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2930, 8.7600, -15.5920

Background



This preview shows how black text looks on a background with the YIQ color 37.2930, 8.7600, -15.5920.



This preview shows how white text looks on a background with the YIQ color 37.2930, 8.7600,

-15.5920.

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

37.2930, 8.7600, -15.5920

Protanopia

38.7070, 16.4620, -12.0020

Deuteranopia

39.3530, 17.6990, -6.8850



Tritanopia

41.7440, -2.1550, 0.5090

Trichromacy



Original Color

37.2930, 8.7600, -15.5920

Protanomaly

38.0980, 13.8030, -13.3730

Deuteranomaly

38.3910, 14.5360, -10.1360

Tritanomaly

40.2080, 2.1100, -5.2020

Monochromacy



Original Color

37.2930, 8.7600, -15.5920

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2790, 3.3480, -5.6120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.2930, 8.7600, -15.5920 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(36, 45, 1)` looks like.

```
.text, #text, p{  
    color:rgb(36, 45, 1)  
}
```

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(36, 45, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 45, 1) }
```

Border

The CSS property to change the border of an element to YIQ 37.2930, 8.7600, -15.5920 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(36, 45, 1) }
```


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

```
.border{ border-color:rgb(36, 45, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 45, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 45, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(36, 45, 1); box-shadow:4px  
4px 4px 4px rgb(36, 45, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 37.2930, 8.7600, -15.5920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 45, 1) }
```

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

```
.background{ background-color: rgb(36, 45,  
1) }
```

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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