

Converting Colors

YIQ(73.9320, 2.7070, -10.5170)

Have a look what the booklet for
YIQ(73.9320, 2.7070, -10.5170)
contains.

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Color

**YIQ(73.9320, 2.7070,
-10.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	465035
RGB	70, 80, 53
RGB Percent	27%, 31%, 21%
CMY	0.7255, 0.6863, 0.7921
CMYK	0.13, 0.00, 0.34, 0.69
HSL	82°, 20%, 26%
HSV	82°, 34%, 31%
XYZ	6.0368, 7.2967, 4.4594
YIQ	73.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

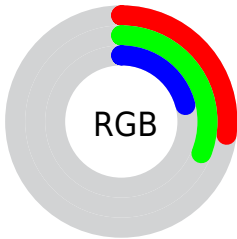
Format	Color
R_{YB}	53, 80, 63
Decimal	4608053
CIE Lab	32.47, -9.44, 14.63
CIE LCh	32, 17.417, 122.834
Yxy	7.2967, 0.3393, 0.4101
Android (android.graphics.Color)	4282798133 (0xFF465035)
YUV	73.9320, -10.3195, -3.4484
Hunter-Lab	27.0125, -7.3804, 9.1208

Details

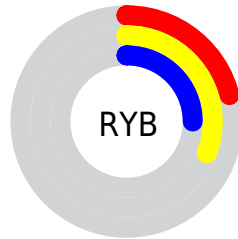
The YIQ color **73.9320, 2.7070, -10.5170** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.0680, -2.7070, 10.5170**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.7040, 3.3490, -11.1390**, and **30.2310, 3.3030, -10.3050** is the 20% darker color. If you saturate the color by 10%, you get **72.1230, 3.4870, -13.6410**, and if you desaturate by 10%, it is **75.7410, 1.9270, -7.3930**.

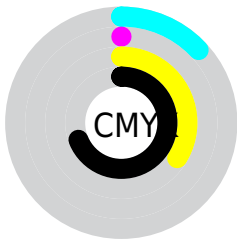
Distribution



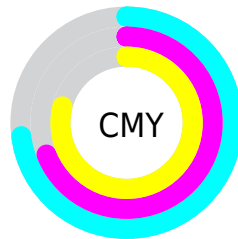
- Red (27%)
- Green (31%)
- Blue (21%)



- Red (21%)
- Yellow (31%)
- Blue (25%)



- Cyan (13%)
- Magenta (0%)
- Yellow (34%)
- Black (69%)



- Cyan (73%)
- Magenta (69%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.9320, 2.7070, -10.5170 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 73.9320, 2.7070, -10.5170 by changing the saturation by 10% instead.

■ 73.9320, 2.7070,
-10.5170

■ 73.9320, 2.7070,
-10.5170

■ 255.0000, -0.0000,
-0.0000

■ 51.0460, 2.3860,
-10.2060

■ 122.7040, 3.3490,
-11.1390

■ 30.2310, 3.3030,
-10.3050

■ 148.2910, 3.0740,
-11.6620

■ 8.8050, -4.1250,
-7.8450

■ 175.1770, 3.3950,
-11.9730

■ 0.0000, 0.0000,
0.0000

■ 202.7640, 3.1200,
-12.4960

■ 230.9490, 4.0370,
-12.5950

■ 252.4920, 7.0620,

-6.8420

■ 73.9320, 2.7070,
-10.5170

■ 73.9320, 2.7070,
-10.5170

■ 72.1230, 3.4870,
-13.6410

■ 75.7410, 1.9270,
-7.3930

■ 70.3140, 4.2670,
-16.7650

■ 77.5500, 1.1470,
-4.2690

■ 68.5050, 5.0470,
-19.8890

■ 79.3590, 0.3670,
-1.1450

■ 66.6960, 5.8270,
-23.0130

■ 81.1680, -0.4130,
1.9790

■ 64.8870, 6.6070,
-26.1370

■ 82.9770, -1.1930,
5.1030

■ 63.0780, 7.3870,
-29.2610

■ 84.7860, -1.9730,
8.2270

■ 61.9100, 7.8000,
-31.2400

■ 86.5950, -2.7530,
11.3510

■ 88.4040, -3.5330,
14.4750

■ 90.2130, -4.3130,
17.5990

Harmonies

Analogous

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



75.6130, 14.0310, -6.4890



73.9320, 2.7070, -10.5170



72.0490, -10.8640, -12.3680

Triad

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



73.9320, 2.7070, -10.5170



71.2060, -29.9390, -2.5710



78.2030, 18.8420, 10.9540

Complementary

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



73.9320, 2.7070, -10.5170



59.0680, -2.7070, 10.5170

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.



78.4670, 9.3510, 12.2550



73.9320, 2.7070, -10.5170



74.9950, -18.7990, 4.7930

Square

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



73.9320, 2.7070, -10.5170



68.3640, -33.5600, -8.5360



77.4700, -3.8990, 10.0930



77.1940, 23.0610, 6.0770

Rectangle

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



73.9320, 2.7070, -10.5170



70.6720, -19.9880, -12.2120



77.4700, -3.8990, 10.0930



78.0610, 16.3660, 11.7740

Sweetspot

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



73.9320, 2.7070, -10.5170



102.5500, 1.1470, -4.2690



66.9430, 13.3420, 0.4940



52.3050, 0.4590, -2.8130



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



73.9320, 2.7070, -10.5170



95.4280, 3.9460, -16.4540



70.0450, -5.0410, -13.2730



39.9460, 0.0920, -1.6680



81.3690, 10.4610, -40.9230



179.8380, 23.2160, -90.3840

Inverse Universe

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



59.0680, -2.7070, 10.5170



72.2730, -4.5420, 16.2420



62.9550, 5.0410, 13.2730



37.7550, -0.6880, 1.4560



23.6310, -10.4610, 40.9230



52.1620, -23.2160, 90.3840

Previews

White Background



This preview shows how the YIQ color 73.9320, 2.7070, -10.5170 looks on a white background.

Color Contrast Check

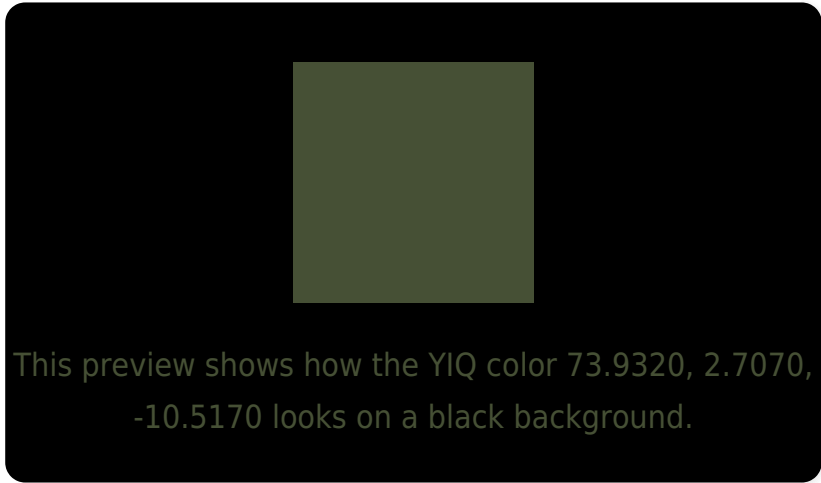
Large Text (above 18pt) WCAG AA ✓ Pass

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

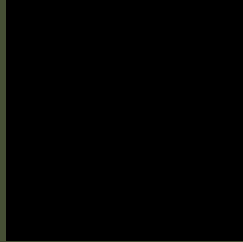
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.9320, 2.7070, -10.5170

Background



This preview shows how black text looks on a background with the YIQ color 73.9320, 2.7070, -10.5170.



This preview shows how white text looks on a background with the YIQ color 73.9320, 2.7070,

-10.5170.

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

73.9320, 2.7070, -10.5170

Protanopia

75.2430, 12.1970, -6.2910

Deuteranopia

76.3300, 16.5060, -1.7820



Tritanopia

76.0860, -3.1180, 1.4420

Trichromacy



Original Color

73.9320, 2.7070, -10.5170

Protanomaly

74.4490, 8.6210, -7.5630

Deuteranomaly

75.5850, 11.2340, -5.3580

Tritanomaly

75.1200, -0.4580, -2.7140

Monochromacy



Original Color

73.9320, 2.7070, -10.5170

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9630, 1.4220, -3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.9320, 2.7070, -10.5170 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(70, 80, 53)` looks like.

```
.text, #text, p{  
    color:rgb(70, 80, 53)  
}
```

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(70, 80, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 80, 53) }
```

Border

The CSS property to change the border of an element to YIQ 73.9320, 2.7070, -10.5170 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(70, 80, 53) }
```


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

```
.border{ border-color:rgb(70, 80, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 80, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 80, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 80, 53);  
box-shadow:4px 4px 4px 4px rgb(70, 80, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.9320, 2.7070, -10.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 80, 53) }
```

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

```
.background{ background-color: rgb(70, 80,  
53) }
```

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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