

Converting Colors

YIQ(113.0420, 17.3770, -1.0470)

Have a look what the booklet for
YIQ(113.0420, 17.3770, -1.0470)
contains.

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Color

**YIQ(113.0420, 17.3770,
-1.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	816D5C
RGB	129, 109, 92
RGB Percent	51%, 43%, 36%
CMY	0.4941, 0.5726, 0.6391
CMYK	0.00, 0.16, 0.29, 0.49
HSL	28°, 17%, 43%
HSV	28°, 29%, 51%
XYZ	16.4551, 16.3764, 12.4237
YIQ	113.0420, 17.3770, -1.0470

Conversions

Conversions Part 2

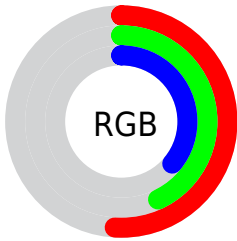
Format	Color
R _Y B	129, 123, 92
Decimal	8482140
CIE Lab	47.46, 5.12, 12.42
CIE LCh	47, 13.430, 67.605
Yxy	16.3764, 0.3636, 0.3619
Android (android.graphics.Color)	4286672220 (0xFF816D5C)
YUV	113.0420, -10.3737, 13.9952
Hunter-Lab	40.4678, 1.7635, 10.1253

Details

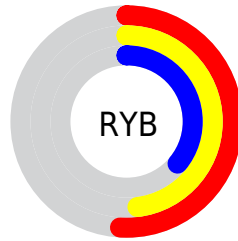
The YIQ color **113.0420, 17.3770, -1.0470** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.9580, -17.3770, 1.0470**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.5260, 18.8900, -0.9340**, and **65.2590, 15.2680, -1.3720** is the 20% darker color. If you saturate the color by 10%, you get **107.4510, 23.4750, -1.4290**, and if you desaturate by 10%, it is **118.6330, 11.2790, -0.6650**.

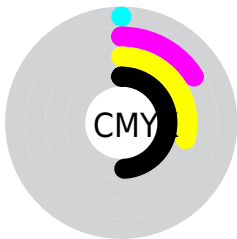
Distribution



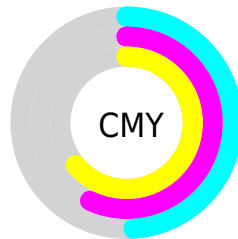
- Red (51%)
- Green (43%)
- Blue (36%)



- Red (51%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (49%)



- Cyan (49%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.0420, 17.3770, -1.0470 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 113.0420, 17.3770, -1.0470 by changing the saturation by 10% instead.

■ 113.0420, 17.3770,
-1.0470

■ 113.0420, 17.3770,
-1.0470

■ 255.0000, -0.0000,
-0.0000

■ 88.7430, 16.7810,
-1.2590

■ 164.5260, 18.8900,
-0.9340

■ 65.2590, 15.2680,
-1.3720

■ 191.8250, 19.4860,
-0.7220

■ 43.0740, 14.3510,
-1.2730

■ 220.0100, 20.4030,
-0.8210

■ 21.6180, 15.6350,
-2.5170

■ 245.0090, 12.9760,
-3.8880

■ 0.0000, 0.0000,
0.0000

■ 254.7720, 0.6420,
-0.6220

■ 113.0420, 17.3770,
-1.0470

■ 113.0420, 17.3770,
-1.0470

■ 107.4510, 23.4750,
-1.4290

■ 118.6330, 11.2790,
-0.6650

■ 101.8600, 29.5730,
-1.8110

■ 124.2240, 5.1810,
-0.2830

■ 96.2690, 35.6710,
-2.1930

■ 129.8150, -0.9170,
0.0990

■ 90.6780, 41.7690,
-2.5750

■ 135.4060, -7.0150,
0.4810

■ 85.2010, 47.5460,
-2.6460

■ 140.9970,
-13.1130, 0.8630

■ 79.6100, 53.6440,
-3.0280

■ 146.4740,
-18.8900, 0.9340

■ 74.0190, 59.7420,
-3.4100

■ 152.0650,
-24.9880, 1.3160

■ 73.2040, 60.6590,

■ 157.6560,

-3.5090

-31.0860, 1.6980

■ 163.2470,
-37.1840, 2.0800

Harmonies

Analogous

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



113.8730, 19.5310, 3.9710



113.0420, 17.3770, -1.0470



111.8730, 10.3630, -6.0930

Triad

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



113.0420, 17.3770, -1.0470



108.0790, -19.5760, -8.6640



114.0850, -1.3770, 8.4390

Complementary

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



113.0420, 17.3770, -1.0470



107.9580, -17.3770, 1.0470

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.



112.8170, -12.4260, 4.9340



113.0420, 17.3770, -1.0470



108.4470, -23.4280, -4.9320

Square

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



113.0420, 17.3770, -1.0470



108.9290, -10.4060, -9.6540



110.1640, -20.9530, -0.2250



114.8860, 9.4890, 9.7530

Rectangle

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



113.0420, 17.3770, -1.0470



110.8830, 4.4030, -8.2130



110.1640, -20.9530, -0.2250



113.8180, -4.9990, 8.0010

Sweetspot

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



113.0420, 17.3770, -1.0470



161.5940, 7.0150, -0.4810



105.3430, 15.6320, 14.0640



80.0390, 4.2640, -0.1840



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



113.0420, 17.3770, -1.0470



143.3050, 26.8220, -1.5140



123.6080, 12.4270, -10.4610



60.8540, 3.3470, -0.0850



72.9050, 60.0630, -3.7210



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.9580, -17.3770, 1.0470



135.6950, -26.8220, 1.5140



97.3920, -12.4270, 10.4610



60.1460, -3.3470, 0.0850



55.0950, -60.0630, 3.7210



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 113.0420, 17.3770, -1.0470 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 × Fail

Black Background



This preview shows how the YIQ color 113.0420, 17.3770, -1.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

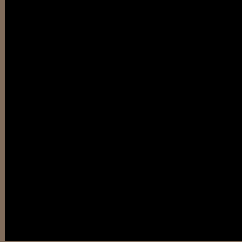
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.0420, 17.3770, -1.0470

Background



This preview shows how black text looks on a background with the YIQ color 113.0420, 17.3770, -1.0470.



This preview shows how white text looks on a background with the YIQ color 113.0420, 17.3770,

-1.0470.

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

113.0420, 17.3770, -1.0470

Protanopia

112.0410, 9.9500, -4.1140

Deuteranopia

113.0530, 18.8440, -0.1000



Tritanopia

114.6860, 12.9280, 8.0000

Trichromacy



Original Color

113.0420, 17.3770, -1.0470

Protanomaly

112.5360, 12.9300, -3.0540

Deuteranomaly

112.7540, 18.2480, -0.3120

Tritanomaly

114.0620, 14.6250, 4.7770

Monochromacy



Original Color

113.0420, 17.3770, -1.0470

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2950, 6.4190, -0.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0420, 17.3770, -1.0470 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(129, 109, 92)` looks like.

```
.text, #text, p{  
    color:rgb(129, 109, 92)  
}
```

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(129, 109, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 109, 92) }
```

Border

The CSS property to change the border of an element to YIQ 113.0420, 17.3770, -1.0470 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(129, 109, 92) }
```


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

```
.border{ border-color:rgb(129, 109, 92) }
```

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

Here you see how a box with a 4 pixel rgb(129, 109, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 109, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 109, 92);  
box-shadow:4px 4px 4px 4px rgb(129, 109,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0420, 17.3770, -1.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 109, 92) }
```

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

```
.background{ background-color: rgb(129,  
109, 92) }
```

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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