

Converting Colors

YIQ(113.4120, 0.8750, -21.3730)

Have a look what the booklet for
YIQ(113.4120, 0.8750, -21.3730)
contains.

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Color

**YIQ(113.4120, 0.8750,
-21.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	657F4C
RGB	101, 127, 76
RGB Percent	40%, 50%, 30%
CMY	0.6040, 0.5019, 0.7019
CMYK	0.20, 0.00, 0.40, 0.50
HSL	91°, 25%, 40%
HSV	91°, 40%, 50%
XYZ	14.2598, 18.4688, 9.6527
YIQ	113.4120, 0.8750, -21.3730

Conversions

Conversions Part 2

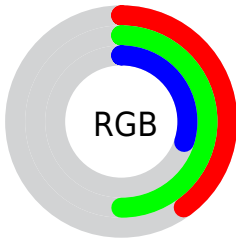
Format	Color
R_{YB}	76, 127, 102
Decimal	6651724
CIE _{Lab}	50.06, -19.06, 24.72
CIE _{LCh}	50, 31.212, 127.634
Yxy	18.4688, 0.3365, 0.4358
Android (android.graphics.Color)	4284841804 (0xFF657F4C)
YUV	113.4120, -18.4441, -10.8853
Hunter-Lab	42.9754, -15.9781, 16.7656

Details

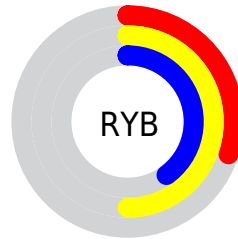
The YIQ color $113.4120, 0.8750, -21.3730$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $89.5880, -0.8750, 21.3730$, and the grayscale version is $114.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $165.7710, 1.2420, -22.5180$, and $65.0530, 0.5080, -20.2280$ is the 20% darker color. If you saturate the color by 10%, you get $109.8370, 0.8760, -26.9000$, and if you desaturate by 10%, it is $116.6880, 0.2780, -16.0580$.

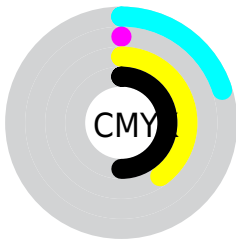
Distribution



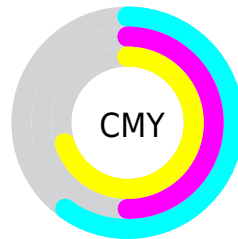
- Red (40%)
- Green (50%)
- Blue (30%)



- Red (30%)
- Yellow (50%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (50%)




- Cyan (60%)
- Magenta (50%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.4120, 0.8750, -21.3730 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 113.4120, 0.8750, -21.3730 by changing the saturation by 10% instead.


 113.4120, 0.8750,
-21.3730

 113.4120, 0.8750,
-21.3730


255.0000, -0.0000,
-0.0000


 88.6400, 0.2330,
-20.7510


 165.7710, 1.2420,
-22.5180

 65.0530, 0.5080,
-20.2280

 192.6570, 1.5630,
-22.8290


 42.0530, 0.5080,
-20.2280

 221.1300, 1.6090,
-23.6630

 21.1650, -5.4990,
-15.9870

 243.7330, 4.4050,
-19.2670

 0.0000, 0.0000,
0.0000

 252.7200, 6.4200,
-6.2200

■ 113.4120, 0.8750,
-21.3730

■ 113.4120, 0.8750,
-21.3730

■ 109.8370, 0.8760,
-26.9000

■ 116.6880, 0.2780,
-16.0580

■ 106.6750, 1.1520,
-31.9040

■ 120.1490, 0.5980,
-10.8420

■ 103.3990, 1.7490,
-37.2190

■ 123.4250, 0.0010,
-5.5270

■ 99.8240, 1.7500,
-42.7460

■ 127.0000, -0.0000,
-0.0000

■ 96.6620, 2.0260,
-47.7500

■ 130.2760, -0.5970,
5.3150

■ 93.0870, 2.0270,
-53.2770

■ 133.7370, -0.2770,
10.5310

■ 137.0130, -0.8740,
15.8460

■ 140.5880, -0.8750,

21.3730

■ 143.7500, -1.1510,
26.3770

Harmonies

Analogous

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



116.8340, 23.2940, -14.6740



113.4120, 0.8750, -21.3730



108.6890, -27.8260, -24.3540

Triad

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



113.4120, 0.8750, -21.3730



105.0630, -66.2050, -6.1170



121.2380, 38.0970, 19.9290

Complementary

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



113.4120, 0.8750, -21.3730



89.5880, -0.8750, 21.3730

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.



122.4890, 21.4530, 24.2130



113.4120, 0.8750, -21.3730



116.5560, -33.3800, 10.2360

Square

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



113.4120, 0.8750, -21.3730



94.6980, -84.7710, -22.0750



122.0930, -3.8550, 20.3130



119.8390, 43.2340, 9.4260

Rectangle

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



113.4120, 0.8750, -21.3730



103.2550, -49.9710, -25.0030



122.0930, -3.8550, 20.3130



121.6660, 34.0160, 22.3040

Sweetspot

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



113.4120, 0.8750, -21.3730



160.7300, 0.4600, -8.3400



106.5110, 23.2460, -2.7860



80.8380, 0.2760, -5.0040



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.



113.4120, 0.8750, -21.3730



144.6210, 1.2440, -33.5720



105.9370, -14.0250, -26.6730



62.0060, -0.1370, -3.0250



93.6740, 1.7520, -53.8000



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5880, -0.8750, 21.3730



107.3790, -1.2440, 33.5720



97.0630, 14.0250, 26.6730



58.9940, 0.1370, 3.0250



34.0270, -2.3480, 53.5880



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 113.4120, 0.8750, -21.3730 looks on a white 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

Black Background



This preview shows how the YIQ color 113.4120, 0.8750, -21.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

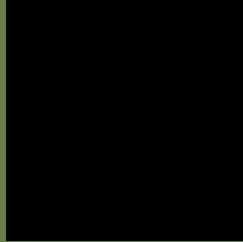
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 113.4120, 0.8750, -21.3730

Background



This preview shows how black text looks on a background with the YIQ color 113.4120, 0.8750, -21.3730.



This preview shows how white text looks on a background with the YIQ color 113.4120, 0.8750,

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

113.4120, 0.8750, -21.3730

Protanopia

117.0450, 21.3220, -11.9740

Deuteranopia

118.3820, 27.9230, -4.9490



Tritanopia

118.4380, -10.0410, 0.2550

Trichromacy



Original Color

113.4120, 0.8750, -21.3730

Protanomaly

115.6310, 13.6200, -15.5640

Deuteranomaly

116.7180, 17.9290, -11.0550

Tritanomaly

116.4350, -5.9590, -7.6470

Monochromacy



Original Color

113.4120, 0.8750, -21.3730

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2570, 0.4140, -7.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.4120, 0.8750, -21.3730 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(101, 127, 76)` looks like.

```
.text, #text, p{  
    color:rgb(101, 127, 76)  
}
```

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(101, 127, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 127, 76) }
```

Border

The CSS property to change the border of an element to YIQ 113.4120, 0.8750, -21.3730 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(101, 127, 76) }
```


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

```
.border{ border-color:rgb(101, 127, 76) }
```

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

Here you see how a box with a 4 pixel rgb(101, 127, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 127, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 127, 76);  
box-shadow:4px 4px 4px 4px rgb(101, 127,  
76) }
```

Background

The CSS property to change the background color of an element to YIQ 113.4120, 0.8750, -21.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 127, 76) }
```

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

```
.background{ background-color: rgb(101,  
127, 76) }
```

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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