

Converting Colors

YIQ(112.2240, 13.2080,
-19.1120)

Have a look what the booklet for
YIQ(112.2240, 13.2080, -19.1120)
contains.

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Color

**YIQ(112.2240, 13.2080,
-19.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	717941
RGB	113, 121, 65
RGB Percent	44%, 47%, 25%
CMY	0.5569, 0.5255, 0.7450
CMYK	0.07, 0.00, 0.46, 0.53
HSL	69°, 30%, 36%
HSV	69°, 46%, 47%
XYZ	14.6009, 17.5673, 7.6260
YIQ	112.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

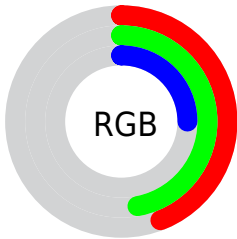
Format	Color
RYB	65, 121, 73
Decimal	7436609
CIELab	48.97, -12.25, 29.57
CIElCh	49, 32.007, 112.497
Yxy	17.5673, 0.3669, 0.4415
Android (android.graphics.Color)	4285626689 (0xFF717941)
YUV	112.2240, -23.2814, 0.6806
Hunter-Lab	41.9133, -11.1662, 18.5517

Details

The YIQ color **112.2240, 13.2080, -19.1120** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **73.7760, -13.2080, 19.1120**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1810, 14.7670, -19.8330**, and **64.1530, 11.9700, -18.7020** is the 20% darker color. If you saturate the color by 10%, you get **110.2580, 15.8680, -23.2680**, and if you desaturate by 10%, it is **114.1900, 10.5480, -14.9560**.

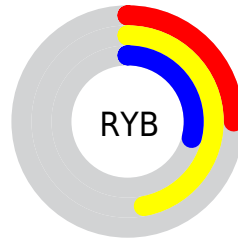
Distribution



Red (44%)

Green (47%)

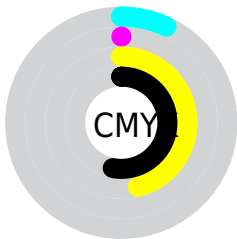
Blue (25%)



Red (25%)

Yellow (47%)

Blue (29%)

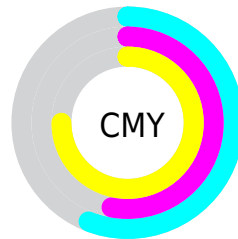


Cyan (7%)

Magenta (0%)

Yellow (46%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.2240, 13.2080, -19.1120 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 112.2240, 13.2080, -19.1120 by changing the saturation by 10% instead.

■ 112.2240, 13.2080,
-19.1120

■ 112.2240, 13.2080,
-19.1120

■ 255.0000, -0.0000,
-0.0000

■ 87.4520, 12.5660,
-18.4900

■ 164.1810, 14.7670,
-19.8330

■ 63.8540, 11.3740,
-18.9140

■ 191.6540, 14.8130,
-20.6670

■ 41.6090, 10.6860,
-17.4580

■ 219.8390, 15.7300,
-20.7660

■ 22.1060, 2.1570,
-11.5630

■ 246.5510, 16.6010,
-20.0310

■ 0.0000, 0.0000,
0.0000

■ 251.2380, 10.5930,
-10.2630

■ 254.5440, 1.2840,

-1.2440

■ 112.2240, 13.2080,
-19.1120

■ 112.2240, 13.2080,
-19.1120

■ 110.2580, 15.8680,
-23.2680

■ 114.1900, 10.5480,
-14.9560

■ 108.5910, 19.1240,
-27.2120

■ 115.8570, 7.2920,
-11.0120

■ 106.6250, 21.7840,
-31.3680

■ 117.8230, 4.6320,
-6.8560

■ 104.6590, 24.4440,
-35.5240

■ 119.7890, 1.9720,
-2.7000

■ 102.6930, 27.1040,
-39.6800

■ 121.8690, -1.0090,
1.7670

■ 102.1230, 28.7090,
-41.2350

■ 123.5360, -4.2650,
5.7110

■ 125.5020, -6.9250,
9.8670

■ 127.4680, -9.5850,
14.0230

■ 129.4340,
-12.2450, 18.1790

Harmonies

Analogous

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



114.6720, 32.7380, -9.6140



112.2240, 13.2080, -19.1120



108.1160, -12.9710, -23.7470

Triad

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



112.2240, 13.2080, -19.1120



92.6750, -85.9640, -16.9720



118.9370, 31.8150, 23.6470

Complementary

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



112.2240, 13.2080, -19.1120



73.7760, -13.2080, 19.1120

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.



120.0300, 9.6240, 23.8320



112.2240, 13.2080, -19.1120



108.3470, -52.0850, 2.3070

Square

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



112.2240, 13.2080, -19.1120



91.8140, -79.4060, -25.6940



117.2590, -19.1220, 16.1580



117.6420, 42.5910, 15.5750

Rectangle

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



112.2240, 13.2080, -19.1120



103.7530, -33.8780, -24.8060



117.2590, -19.1220, 16.1580



119.6420, 25.3960, 24.3400

Sweetspot

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



112.2240, 13.2080, -19.1120



154.5950, 5.2740, -7.4780



85.8530, 31.4510, 8.2110



76.9200, 2.9810, -4.4670



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



112.2240, 13.2080, -19.1120



144.0810, 20.5000, -30.1240



104.1510, -2.8840, -24.8360



60.0170, 1.3300, -2.0780



105.3680, 29.3970, -42.6910



212.5080, 59.4360, -86.0040

Inverse Universe

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



73.7760, -13.2080, 19.1120



83.6200, -21.0960, 29.9120



81.8490, 2.8840, 24.8360



55.9830, -1.3300, 2.0780



19.6320, -29.3970, 42.6910



39.4920, -59.4360, 86.0040

Previews

White Background



This preview shows how the YIQ color 112.2240, 13.2080, -19.1120 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 112.2240, 13.2080, -19.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

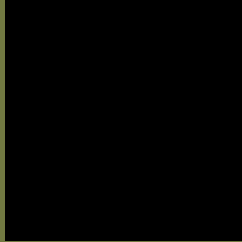
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 112.2240, 13.2080, -19.1120

Background



This preview shows how black text looks on a background with the YIQ color 112.2240, 13.2080, -19.1120.



This preview shows how white text looks on a background with the YIQ color 112.2240, 13.2080,

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

112.2240, 13.2080, -19.1120

Protanopia

113.5460, 24.1650, -13.9390

Deuteranopia

114.9540, 32.0040, -7.3240



Tritanopia

116.8200, 0.6870, 4.0710

Trichromacy



Original Color

112.2240, 13.2080, -19.1120

Protanomaly

113.3390, 20.3140, -15.7340

Deuteranomaly

114.1980, 25.2650, -11.8470

Tritanomaly

115.2900, 4.8150, -4.6650

Monochromacy



Original Color

112.2240, 13.2080, -19.1120

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.8230, 4.6320, -6.8560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.2240, 13.2080, -19.1120 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(113, 121, 65)` looks like.

```
.text, #text, p{  
    color:rgb(113, 121, 65)  
}
```

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(113, 121, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 121, 65) }
```

Border

The CSS property to change the border of an element to YIQ 112.2240, 13.2080, -19.1120 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(113, 121, 65) }
```


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

```
.border{ border-color:rgb(113, 121, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 121, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 121, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 121, 65);  
box-shadow:4px 4px 4px 4px rgb(113, 121,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 112.2240, 13.2080, -19.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 121, 65) }
```

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

```
.background{ background-color: rgb(113,  
121, 65) }
```

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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