

Converting Colors

YIQ(112.6240, -1.6970, 3.2230)

Have a look what the booklet for
YIQ(112.6240, -1.6970, 3.2230)
contains.

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Color

**YIQ(112.6240, -1.6970,
3.2230)**

Conversions

Conversions Part 1

Format	Color
Hex	716F78
RGB	113, 111, 120
RGB Percent	44%, 44%, 47%
CMY	0.5568, 0.5647, 0.5294
CMYK	0.06, 0.07, 0.00, 0.53
HSL	253°, 4%, 45%
HSV	253°, 7%, 47%
XYZ	15.8847, 16.2356, 20.0648
YIQ	112.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

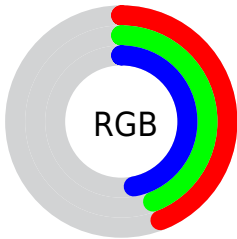
Format	Color
R_{YB}	113, 111, 120
Decimal	7434104
CIE _{Lab}	47.28, 2.64, -4.70
CIE _{LCh}	47, 5.397, 299.343
Yxy	16.2356, 0.3044, 0.3111
Android (android.graphics.Color)	4285624184 (0xFF716F78)
YUV	112.6240, 3.6364, 0.3298
Hunter-Lab	40.2934, -0.1441, -1.3191

Details

The YIQ color **112.6240, -1.6970, 3.2230** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **118.3760, 1.6970, -3.2230**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6240, -1.6970, 3.2230**, and **64.6240, -1.6970, 3.2230** is the 20% darker color. If you saturate the color by 10%, you get **102.8890, -3.7610, 7.5910**, and if you desaturate by 10%, it is **122.3590, 0.3670, -1.1450**.

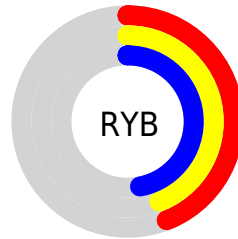
Distribution



Red (44%)

Green (44%)

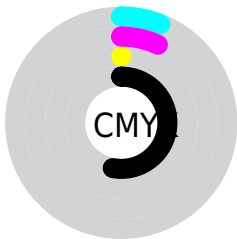
Blue (47%)



Red (44%)

Yellow (44%)

Blue (47%)

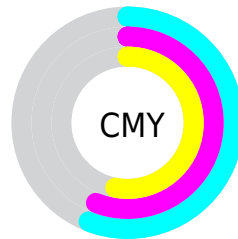


Cyan (6%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (56%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.6240, -1.6970, 3.2230 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 112.6240, -1.6970, 3.2230 by changing the saturation by 10% instead.

■ 112.6240, -1.6970,
3.2230

■ 112.6240, -1.6970,
3.2230

255.0000, -0.0000,
-0.0000

■ 88.5100, -1.3760,
2.9120

■ 164.6240, -1.6970,
3.2230

■ 64.6240, -1.6970,
3.2230

■ 191.7380, -2.0180,
3.5340

■ 43.0970, -1.6510,
2.3890

■ 219.1510, -1.7430,
4.0570

■ 22.3960, -1.0550,
2.6010

■ 247.6240, -1.6970,
3.2230

■ 0.0000, 0.0000,
0.0000

■ 112.6240, -1.6970,

■ 112.6240, -1.6970,

3.2230

3.2230

■ 102.8890, -3.7610,
7.5910

■ 122.3590, 0.3670,
-1.1450

■ 92.8550, -6.4210,
11.7470

■ 132.3930, 3.0270,
-5.3010

■ 83.1200, -8.4850,
16.1150

■ 142.1280, 5.0910,
-9.6690

■ 73.3850, -10.5490,
20.4830

■ 151.8630, 7.1550,
-14.0370

■ 63.3510, -13.2090,
24.6390

■ 161.8970, 9.8150,
-18.1930

■ 53.6160, -15.2730,
29.0070

■ 171.6320, 11.8790,
-22.5610

■ 43.8810, -17.3370,
33.3750

■ 181.3670, 13.9430,
-26.9290

■ 33.8470, -19.9970,
37.5310

■ 191.4010, 16.6030,
-31.0850

■ 24.1120, -22.0610,
41.8990

■ 201.1360, 18.6670,
-35.4530

Harmonies

Analogous

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



112.1180, -6.1440, 1.2160



112.6240, -1.6970, 3.2230



113.1900, 2.5210, 3.8730

Triad

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



112.6240, -1.6970, 3.2230



112.3060, 7.8860, 0.2540



110.7710, -6.7850, -3.6890

Complementary

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



112.6240, -1.6970, 3.2230



118.3760, 1.6970, -3.2230

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.



110.8100, -2.5210, -3.8730



112.6240, -1.6970, 3.2230



112.1700, 5.2730, -1.9510

Square

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



112.6240, -1.6970, 3.2230



112.7730, 8.0690, 2.4450



111.3760, 1.6970, -3.2230



110.9280, -8.6650, -2.6570

Rectangle

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



112.6240, -1.6970, 3.2230



113.1580, 5.5470, 4.0990



111.3760, 1.6970, -3.2230



110.8420, -5.5470, -4.0990

Sweetspot

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



112.6240, -1.6970, 3.2230



152.7550, -0.6880, 1.4560



116.1350, -4.8140, -0.8620



77.5270, -0.0460, 0.8340



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.



112.6240, -1.6970, 3.2230



144.4930, -2.7060, 4.9900



113.8200, 0.6870, 4.0710



55.9830, -1.3300, 2.0780



22.6220, -23.4370, 44.8110



45.4720, -47.5160, 90.2440

Inverse Universe

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



114.4890, 3.1170, 4.0850



147.3260, 5.1340, 6.0780



117.1800, -0.6870, -4.0710



57.3640, 1.9710, 2.8270



48.4330, 43.3630, 56.6670



97.6920, 87.2760, 114.3800

Previews

White Background



This preview shows how the YIQ color 112.6240, -1.6970, 3.2230 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 112.6240, -1.6970, 3.2230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

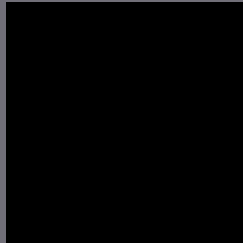
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.6240, -1.6970, 3.2230

Background



This preview shows how black text looks on a background with the YIQ color 112.6240, -1.6970, 3.2230.

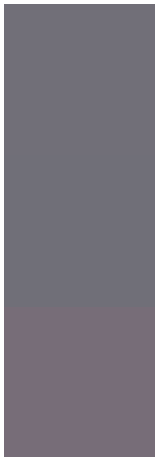


This preview shows how white text looks on a background with the YIQ color 112.6240, -1.6970,

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

112.6240, -1.6970, 3.2230

Protanopia

112.3250, -2.2930, 3.0110

Deuteranopia

113.2440, 2.4290, 5.5410



Tritanopia

112.6240, -1.6970, 3.2230

Trichromacy

**Original Color**

112.6240, -1.6970, 3.2230

Protanomaly

112.3250, -2.2930, 3.0110

Deuteranomaly

113.2330, 0.9620, 4.5940

Tritanomaly

112.6240, -1.6970, 3.2230

Monochromacy

**Original Color**

112.6240, -1.6970, 3.2230

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7550, -0.6880, 1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6240, -1.6970, 3.2230 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, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 111, 120)  
}
```

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, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 111, 120) }
```

Border

The CSS property to change the border of an element to YIQ 112.6240, -1.6970, 3.2230 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, 111, 120) }
```


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

```
.border{ border-color:rgb(113, 111, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 111,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6240, -1.6970, 3.2230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 111, 120) }
```

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

```
.background{ background-color: rgb(113,  
111, 120) }
```

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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