

Converting Colors

YIQ(103.8850, 2.0620, 6.6860)

Have a look what the booklet for
YIQ(103.8850, 2.0620, 6.6860)
contains.

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Color

**YIQ(103.8850, 2.0620,
6.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6371
RGB	110, 99, 113
RGB Percent	43%, 39%, 44%
CMY	0.5686, 0.6118, 0.5569
CMYK	0.03, 0.12, 0.00, 0.56
HSL	287°, 7%, 42%
HSV	287°, 12%, 44%
XYZ	13.8735, 13.4306, 17.4837
YIQ	103.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

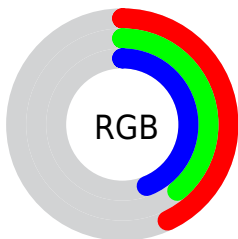
Format	Color
R _Y B	110, 99, 113
Decimal	7234417
CIE Lab	43.41, 7.20, -6.28
CIE LCh	43, 9.560, 318.905
Yxy	13.4306, 0.3098, 0.2999
Android (android.graphics.Color)	4285424497 (0xFF6E6371)
YUV	103.8850, 4.4937, 5.3629
Hunter-Lab	36.6478, 3.4399, -2.6323

Details

The YIQ color **103.8850, 2.0620, 6.6860** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.1150, -2.0620, -6.6860**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.2980, 2.3370, 7.2090**, and **56.4720, 1.7870, 6.1630** is the 20% darker color. If you saturate the color by 10%, you get **96.8300, 3.8950, 12.0150**, and if you desaturate by 10%, it is **110.9400, 0.2290, 1.3570**.

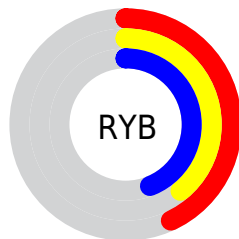
Distribution



Red (43%)

Green (39%)

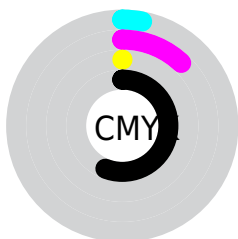
Blue (44%)



Red (43%)

Yellow (39%)

Blue (44%)

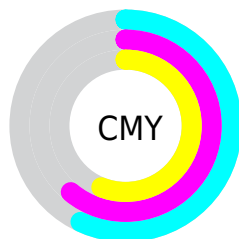


Cyan (3%)

Magenta (12%)

Yellow (0%)

Black (56%)



Cyan (57%)

Magenta (61%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.8850, 2.0620, 6.6860 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 103.8850, 2.0620, 6.6860 by changing the saturation by 10% instead.

■ 103.8850, 2.0620,
6.6860

■ 103.8850, 2.0620,
6.6860

255.0000, -0.0000,
-0.0000

■ 79.8850, 2.0620,
6.6860

■ 155.2980, 2.3370,
7.2090

■ 56.4720, 1.7870,
6.1630

■ 181.7110, 2.6120,
7.7320

■ 35.0590, 1.5120,
5.6400

■ 209.4120, 2.0160,
7.5200

■ 13.0100, 3.2080,
7.9440

■ 237.7110, 2.6120,
7.7320

■ 0.0000, 0.0000,
0.0000

■ 103.8850, 2.0620,

■ 103.8850, 2.0620,

6.6860

■ 96.8300, 3.8950,
12.0150

■ 88.8890, 5.4070,
17.6550

■ 81.8340, 7.2400,
22.9840

■ 74.4800, 8.4770,
28.1010

■ 66.8380, 10.5850,
33.9530

■ 59.7830, 12.4180,
39.2820

■ 52.4290, 13.6550,
44.3990

■ 45.3740, 15.4880,
49.7280

6.6860

■ 110.9400, 0.2290,
1.3570

■ 118.8810, -1.2830,
-4.2830

■ 125.9360, -3.1160,
-9.6120

■ 133.2900, -4.3530,
-14.7290

■ 140.3450, -6.1860,
-20.0580

■ 147.9870, -8.2940,
-25.9100

■ 155.3410, -9.5310,
-31.0270

■ 162.3960,
-11.3640, -36.3560

■ 39.4930, 16.7710,
54.0110

■ 170.3370,
-12.8760, -41.9960

Harmonies

Analogous

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



103.1120, -6.0070, 4.2410



103.8850, 2.0620, 6.6860



104.0060, 9.0310, 7.0390

Triad

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



103.8850, 2.0620, 6.6860



102.6930, 11.0500, -2.0220



99.5250, -14.9000, -5.3000

Complementary

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



103.8850, 2.0620, 6.6860



108.1150, -2.0620, -6.6860

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.



100.1080, -9.3520, -6.7280



103.8850, 2.0620, 6.6860



102.1760, 5.1360, -4.9760

Square

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



103.8850, 2.0620, 6.6860



103.7690, 13.8920, 1.5400



100.8160, -2.6580, -6.8980



100.3340, -15.6800, -2.1760

Rectangle

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



103.8850, 2.0620, 6.6860



103.9200, 12.1490, 5.5970



100.8160, -2.6580, -6.8980



99.5960, -13.6620, -5.7100

Sweetspot

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



103.8850, 2.0620, 6.6860



144.1790, 1.0540, 2.9260



102.3570, -5.3190, 2.7850



71.3530, 0.5040, 1.8800



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



103.8850, 2.0620, 6.6860



133.5910, 3.0700, 10.4460



104.3260, 5.1340, 6.0780



52.1790, 1.0540, 2.9260



41.7860, 17.5040, 57.2480



86.4630, 36.9330, 118.1570

Inverse Universe

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



103.5280, 7.3810, 3.9010



133.0340, 11.8280, 5.9080



107.6740, -5.1340, -6.0780



52.0220, 2.9340, 1.8940



38.8440, 63.1740, 33.5260



79.8950, 130.1990, 68.8470

Previews

White Background



This preview shows how the YIQ color 103.8850, 2.0620, 6.6860 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 103.8850, 2.0620, 6.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

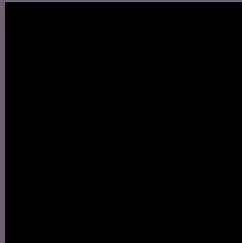
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.8850, 2.0620, 6.6860

Background



This preview shows how black text looks on a background with the YIQ color 103.8850, 2.0620, 6.6860.



This preview shows how white text looks on a background with the YIQ color 103.8850, 2.0620,

6.6860.

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

103.8850, 2.0620, 6.6860

Protanopia

103.1830, -4.7690, 3.8310

Deuteranopia

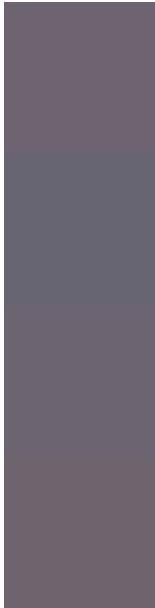
103.8740, 0.5950, 5.7390



Tritanopia

103.6030, 2.7960, 4.3960

Trichromacy



Original Color

103.8850, 2.0620, 6.6860

Protanomaly

103.3790, -2.3850, 4.6790

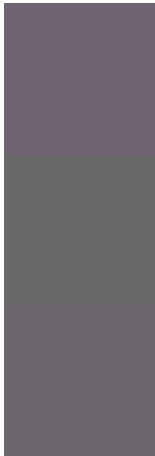
Deuteranomaly

104.1730, 1.1910, 5.9510

Tritanomaly

103.8310, 2.1540, 5.0180

Monochromacy



Original Color

103.8850, 2.0620, 6.6860

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.7660, 0.7790, 2.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.8850, 2.0620, 6.6860 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(110, 99, 113)` looks like.

```
.text, #text, p{  
    color:rgb(110, 99, 113)  
}
```

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(110, 99, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 99, 113) }
```

Border

The CSS property to change the border of an element to YIQ 103.8850, 2.0620, 6.6860 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(110, 99, 113) }
```


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

```
.border{ border-color:rgb(110, 99, 113) }
```

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

Here you see how a box with a 4 pixel rgb(110, 99, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 99, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 99, 113);  
box-shadow:4px 4px 4px 4px rgb(110, 99,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 103.8850, 2.0620, 6.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 99, 113) }
```

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

```
.background{ background-color: rgb(110, 99,  
113) }
```

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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