

Converting Colors

YIQ(117.2050, 7.3330, 15.7890)

Have a look what the booklet for
YIQ(117.2050, 7.3330, 15.7890)
contains.

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Color

**YIQ(117.2050, 7.3330,
15.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	866988
RGB	134, 105, 136
RGB Percent	53%, 41%, 53%
CMY	0.4744, 0.5883, 0.4667
CMYK	0.01, 0.23, 0.00, 0.47
HSL	296°, 13%, 47%
HSV	296°, 23%, 53%
XYZ	19.3295, 16.9485, 25.5456
YIQ	117.2050, 7.3330, 15.7890

Conversions

Conversions Part 2

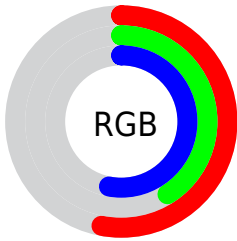
Format	Color
R_{YB}	134, 105, 136
Decimal	8808840
CIE _{Lab}	48.20, 17.33, -12.67
CIE _{LCh}	48, 21.469, 323.827
Yxy	16.9485, 0.3127, 0.2741
Android (android.graphics.Color)	4286998920 (0xFF866988)
YUV	117.2050, 9.2659, 14.7292
Hunter-Lab	41.1685, 11.7645, -7.9723

Details

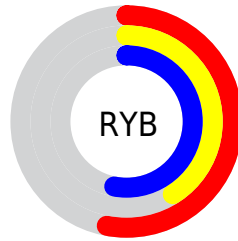
The YIQ color **117.2050, 7.3330, 15.7890** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.7950, -7.3330, -15.7890**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0310, 7.8830, 16.8350**, and **68.3790, 6.7830, 14.7430** is the 20% darker color. If you saturate the color by 10%, you get **108.6880, 10.5870, 22.8990**, and if you desaturate by 10%, it is **125.7220, 4.0790, 8.6790**.

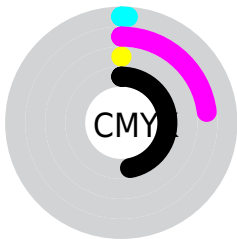
Distribution



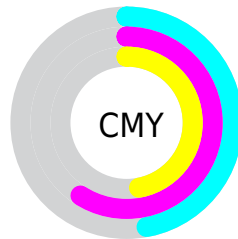
- Red (53%)
- Green (41%)
- Blue (53%)



- Red (53%)
- Yellow (41%)
- Blue (53%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2050, 7.3330, 15.7890 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 117.2050, 7.3330, 15.7890 by changing the saturation by 10% instead.

■ 117.2050, 7.3330,
15.7890

■ 117.2050, 7.3330,
15.7890

■ 255.0000, -0.0000,
-0.0000

■ 92.7920, 7.0580,
15.2660

■ 169.3300, 8.4790,
17.0470

■ 68.3790, 6.7830,
14.7430

■ 196.4440, 8.1580,
17.3580

■ 45.6670, 5.9120,
14.0080

■ 224.8570, 8.4330,
17.8810

■ 24.8410, 5.3620,
12.9620

■ 245.6080, 4.4000,
8.3680

■ 6.4660, 1.9240,
9.1880

■ 0.0000, 0.0000,
0.0000

■ 117.2050, 7.3330,
15.7890

■ 117.2050, 7.3330,
15.7890

■ 108.6880, 10.5870,
22.8990

■ 125.7220, 4.0790,
8.6790

■ 100.7580, 13.5660,
29.4860

■ 133.6520, 1.1000,
2.0920

■ 92.2410, 16.8200,
36.5960

■ 142.1690, -2.1540,
-5.0180

■ 84.6100, 20.3950,
43.3950

■ 149.8000, -5.7290,
-11.8170

■ 76.0930, 23.6490,
50.5050

■ 158.3170, -8.9830,
-18.9270

■ 67.5760, 26.9030,
57.6150

■ 166.8340,
-12.2370, -26.0370

■ 59.6460, 29.8820,
64.2020


■ 174.7640,
-15.2160, -32.6240

■ 53.4770, 32.0360,

■ 183.2810,

69.2200

-18.4700, -39.7340

 191.2110,
-21.4490, -46.3210

Harmonies

Analogous

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



115.4030, -10.9600, 11.4080



117.2050, 7.3330, 15.7890



117.1050, 22.2340, 15.5620

Triad

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



117.2050, 7.3330, 15.7890



113.9190, 21.9170, -6.2350



104.7220, -40.6200, -12.7480

Complementary

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



117.2050, 7.3330, 15.7890



123.7950, -7.3330, -15.7890

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.



106.5570, -27.0940, -15.5900



117.2050, 7.3330, 15.7890



111.9880, 8.3010, -12.7790

Square

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



117.2050, 7.3330, 15.7890



115.3810, 29.6640, 2.0480



109.4250, -9.1670, -15.5910



107.0520, -41.3090, -5.7650

Rectangle

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



117.2050, 7.3330, 15.7890



116.6340, 27.8740, 12.4660



109.4250, -9.1670, -15.5910



104.9350, -36.9060, -13.9780

Sweetspot

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



117.2050, 7.3330, 15.7890



168.6570, 2.7040, 6.0640



109.7080, -10.5010, 8.5950



84.8910, 1.9250, 3.6610



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



117.2050, 7.3330, 15.7890



146.9270, 11.4120, 24.4680



116.3210, 12.6980, 12.1700



64.5920, 1.3290, 3.4490



52.2380, 31.2110, 67.6510



2.0650, 1.3750, 2.6150

Inverse Universe

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



114.4970, 17.8340, 7.1940



142.6940, 27.6450, 11.1090



124.6790, -12.6980, -12.1700



64.0930, 4.1720, 1.4840



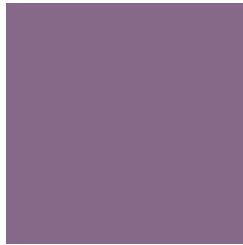
40.6790, 76.7000, 30.6840



1.4950, 2.9800, 1.0600

Previews

White Background



This preview shows how the YIQ color 117.2050, 7.3330, 15.7890 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 117.2050, 7.3330, 15.7890 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 117.2050, 7.3330, 15.7890

Background



This preview shows how black text looks on a background with the YIQ color 117.2050, 7.3330, 15.7890.



This preview shows how white text looks on a background with the YIQ color 117.2050, 7.3330,

15.7890.

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

117.2050, 7.3330, 15.7890

Protanopia

114.8110, -12.2890, 7.9590

Deuteranopia

115.8180, -4.9990, 8.0010



Tritanopia

115.9030, 10.8190, 7.6750

Trichromacy



Original Color

117.2050, 7.3330, 15.7890

Protanomaly

115.5130, -5.4580, 10.8140

Deuteranomaly

116.1500, -0.0020, 11.0540

Tritanomaly

116.4130, 9.4430, 10.5870

Monochromacy



Original Color

117.2050, 7.3330, 15.7890

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

117.2440, 2.4290, 5.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2050, 7.3330, 15.7890 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(134, 105, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 105, 136)  
}
```

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(134, 105, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 105, 136) }
```

Border

The CSS property to change the border of an element to YIQ 117.2050, 7.3330, 15.7890 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(134, 105, 136) }
```


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

```
.border{ border-color:rgb(134, 105, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 105, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 105, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 105, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 105,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2050, 7.3330, 15.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 105, 136) }
```

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

```
.background{ background-color: rgb(134,  
105, 136) }
```

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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