

Converting Colors

YIQ(138.7460, 21.8670, 16.7070)

Have a look what the booklet for
YIQ(138.7460, 21.8670, 16.7070)
contains.

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Color

**YIQ(138.7460, 21.8670,
16.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7A8F
RGB	170, 122, 143
RGB Percent	67%, 48%, 56%
CMY	0.3332, 0.5216, 0.4391
CMYK	0.00, 0.28, 0.16, 0.33
HSL	334°, 22%, 57%
HSV	334°, 28%, 67%
XYZ	28.5009, 24.4475, 29.2104
YIQ	138.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

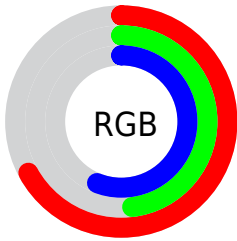
Format	Color
R_{YB}	170, 122, 143
Decimal	11172495
CIE Lab	56.53, 22.02, -3.93
CIE LCh	57, 22.371, 349.874
Yxy	24.4475, 0.3469, 0.2976
Android (android.graphics.Color)	4289362575 (0xFFAA7A8F)
YUV	138.7460, 2.0972, 27.4098
Hunter-Lab	49.4444, 16.3639, -0.4158

Details

The YIQ color $138.7460, 21.8670, 16.7070$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $153.2540, -21.8670, -16.7070$, and the grayscale version is $139.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $192.7570, 23.3340, 17.6540$, and $88.4360, 19.8040, 15.5480$ is the 20% darker color. If you saturate the color by 10%, you get $127.6270, 29.7520, 22.4880$, and if you desaturate by 10%, it is $149.8650, 13.9820, 10.9260$.

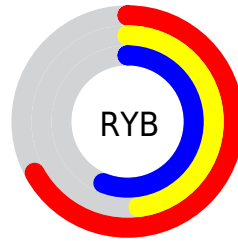
Distribution



Red (67%)

Green (48%)

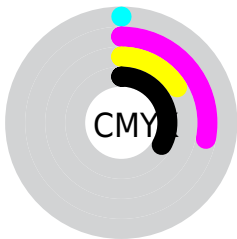
Blue (56%)



Red (67%)

Yellow (48%)

Blue (56%)

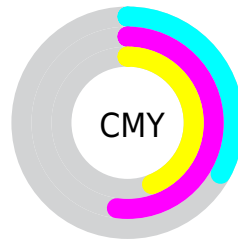


Cyan (0%)

Magenta (28%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (52%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 138.7460, 21.8670, 16.7070 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 138.7460, 21.8670, 16.7070 by changing the saturation by 10% instead.


 138.7460, 21.8670,
16.7070


 138.7460, 21.8670,
16.7070


255.0000, -0.0000,
-0.0000

 113.0340, 20.9960,
15.9720


 192.7570, 23.3340,
17.6540


 88.4360, 19.8040,
15.5480


 220.4690, 24.2050,
18.3890

 64.1370, 19.2080,
15.3360

 240.6840, 7.2420,
11.9300

 41.2400, 17.4200,
14.7000

 19.0550, 16.5030,
14.7990

 5.0830, 10.1320,
3.6040

 0.0000, 0.0000,

0.0000

■ 138.7460, 21.8670,
16.7070

■ 138.7460, 21.8670,
16.7070

■ 127.6270, 29.7520,
22.4880

■ 149.8650, 13.9820,
10.9260

■ 116.6220, 37.3160,
28.5800

■ 160.8700, 6.4180,
4.8340

■ 105.5030, 45.2010,
34.3610

■ 171.9890, -1.4670,
-0.9470

■ 94.4980, 52.7650,
40.4530

■ 182.9940, -9.0310,
-7.0390

■ 83.3790, 60.6500,
46.2340

■ 194.1130,
-16.9160, -12.8200

■ 72.3740, 68.2140,
52.3260

■ 205.1180,
-24.4800, -18.9120

■ 61.2550, 76.0990,
58.1070

■ 216.2370,
-32.3650, -24.6930

■ 59.2660, 77.5660,
59.0540

■ 225.4810,
-39.1040, -29.2160

■ 226.6210,
-42.3140, -26.1060

Harmonies

Analogous

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



138.3620, 5.4530, 16.8210



138.7460, 21.8670, 16.7070



137.9610, 31.2670, 11.5470

Triad

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



138.7460, 21.8670, 16.7070



132.9560, 11.3270, -12.5530



127.5570, -44.2890, -6.8250

Complementary

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



138.7460, 21.8670, 16.7070



153.2540, -21.8670, -16.7070

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.



125.8960, -41.1700, -13.7940



138.7460, 21.8670, 16.7070



130.5670, -6.6910, -16.4110

Square

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



138.7460, 21.8670, 16.7070



135.3000, 25.2180, -5.4860



128.1010, -25.8100, -16.8340



131.8130, -32.9660, 2.7300

Rectangle

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



138.7460, 21.8670, 16.7070



137.2830, 33.0560, 6.6560



128.1010, -25.8100, -16.8340



126.6770, -44.7470, -9.5390

Sweetspot

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



138.7460, 21.8670, 16.7070



210.2940, 8.1600, 6.3040



135.2460, 0.0880, 20.4400



104.8590, 4.9510, 3.8870



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



138.7460, 21.8670, 16.7070



172.4860, 34.7030, 26.3750



137.5260, 28.0580, 9.1300



78.7340, 3.8050, 2.6290



51.6620, 67.3430, 51.5910



7.0060, 9.0310, 7.0390

Inverse Universe

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



138.7460, 21.8670, 16.7070



172.4860, 34.7030, 26.3750



154.4740, -28.0580, -9.1300



78.7340, 3.8050, 2.6290



51.6620, 67.3430, 51.5910



7.0060, 9.0310, 7.0390

Previews

White Background



This preview shows how the YIQ color 138.7460, 21.8670, 16.7070 looks on a white background.

Color Contrast Check

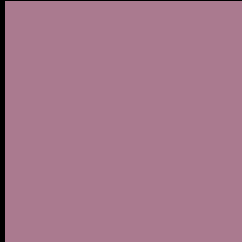
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7460, 21.8670, 16.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

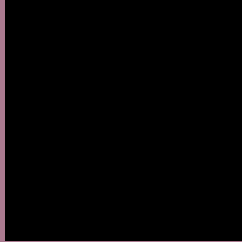
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.7460, 21.8670, 16.7070

Background



This preview shows how black text looks on a background with the YIQ color 138.7460, 21.8670, 16.7070.



This preview shows how white text looks on a background with the YIQ color 138.7460, 21.8670,

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

138.7460, 21.8670, 16.7070

Protanopia

136.5250, -5.7320, 4.7640

Deuteranopia

137.5110, 6.0510, 5.9790



Tritanopia

138.4810, 23.9310, 12.3390

Trichromacy



Original Color

138.7460, 21.8670, 16.7070

Protanomaly

137.1350, 4.3540, 9.2020

Deuteranomaly

137.6690, 11.5980, 10.0780

Tritanomaly

138.3500, 22.9220, 14.1060

Monochromacy



Original Color

138.7460, 21.8670, 16.7070

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7460, 21.8670, 16.7070 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(170, 122, 143)` looks like.

```
.text, #text, p{  
    color:rgb(170, 122, 143)  
}
```

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(170, 122, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 122, 143) }
```

Border

The CSS property to change the border of an element to YIQ 138.7460, 21.8670, 16.7070 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(170, 122, 143) }
```


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

```
.border{ border-color:rgb(170, 122, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 122, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 122, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 122, 143);  
box-shadow:4px 4px 4px 4px rgb(170, 122,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7460, 21.8670, 16.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 122, 143) }
```

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

```
.background{ background-color: rgb(170,  
122, 143) }
```

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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