

Converting Colors

YIQ(110.2210, 10.4040, 20.7080)

Have a look what the booklet for
YIQ(110.2210, 10.4040, 20.7080)
contains.

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Color

**YIQ(110.2210, 10.4040,
20.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	855E86
RGB	133, 94, 134
RGB Percent	52%, 37%, 53%
CMY	0.4783, 0.6314, 0.4745
CMYK	0.01, 0.30, 0.00, 0.47
HSL	299°, 18%, 45%
HSV	299°, 30%, 53%
XYZ	17.9821, 14.7128, 24.4473
YIQ	110.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

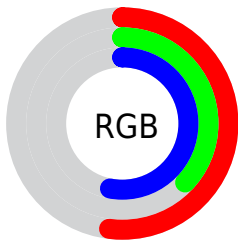
Format	Color
R_{YB}	133, 94, 134
Decimal	8740486
CIE _{Lab}	45.24, 23.08, -15.98
CIE _{LCh}	45, 28.069, 325.308
Yxy	14.7128, 0.3147, 0.2575
Android (android.graphics.Color)	4286930566 (0xFF855E86)
YUV	110.2210, 11.7230, 19.9772
Hunter-Lab	38.3573, 16.5567, -10.9389

Details

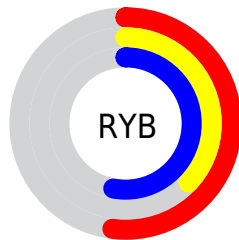
The YIQ color **110.2210, 10.4040, 20.7080** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **117.7790, -10.4040, -20.7080**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3460, 11.5500, 21.9660**, and **61.9820, 9.5790, 19.1390** is the 20% darker color. If you saturate the color by 10%, you get **102.5900, 13.9790, 27.5070**, and if you desaturate by 10%, it is **117.8520, 6.8290, 13.9090**.

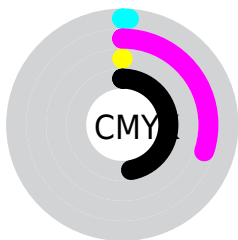
Distribution



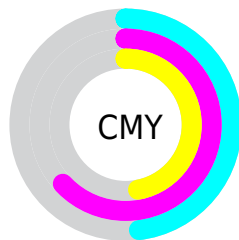
- Red (52%)
- Green (37%)
- Blue (53%)



- Red (52%)
- Yellow (37%)
- Blue (53%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)





- Cyan (48%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.2210, 10.4040, 20.7080 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 110.2210, 10.4040, 20.7080 by changing the saturation by 10% instead.


 110.2210, 10.4040,
20.7080


 110.2210, 10.4040,
20.7080


255.0000, -0.0000,
-0.0000


 85.5090, 9.5330,
19.9730


 162.3460, 11.5500,
21.9660


 61.9820, 9.5790,
19.1390


 189.7590, 11.8250,
22.4890


 39.2700, 8.7080,
18.4040

 217.1720, 12.1000,
23.0120

 16.6830, 8.9830,
18.9270

 238.5640, 7.7000,
14.6440

 1.9380, -5.4570,
5.2870

 0.0000, 0.0000,
0.0000

■ 110.2210, 10.4040,
20.7080

■ 110.2210, 10.4040,
20.7080

■ 102.5900, 13.9790,
27.5070

■ 117.8520, 6.8290,
13.9090

■ 94.0730, 17.2330,
34.6170

■ 126.3690, 3.5750,
6.7990

■ 86.4420, 20.8080,
41.4160

■ 134.0000, -0.0000,
-0.0000

■ 78.2240, 24.6580,
48.7380

■ 142.2180, -3.8500,
-7.3220

■ 70.2940, 27.6370,
55.3250

■ 150.1480, -6.8290,
-13.9090

■ 62.6630, 31.2120,
62.1240


■ 157.7790,
-10.4040, -20.7080

■ 54.4450, 35.0620,
69.4460

■ 165.9970,
-14.2540, -28.0300

■ 173.9270,

-17.2330, -34.6170

 182.1450,
-21.0830, -41.9390

Harmonies

Analogous

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



107.9560, -13.8950, 15.0410



110.2210, 10.4040, 20.7080



109.5620, 28.3770, 19.8730

Triad

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



110.2210, 10.4040, 20.7080



105.5620, 27.2360, -9.0200



84.2170, -73.1710, -23.0510

Complementary

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



110.2210, 10.4040, 20.7080



117.7790, -10.4040, -20.7080

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.



94.0390, -40.4350, -21.6110



110.2210, 10.4040, 20.7080



103.5380, 9.4480, -17.0480

Square

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



110.2210, 10.4040, 20.7080



106.9750, 36.6790, 1.5670



99.9250, -13.7510, -20.6230



89.4060, -68.9090, -12.1810

Rectangle

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



110.2210, 10.4040, 20.7080



108.9340, 35.8970, 15.7450



99.9250, -13.7510, -20.6230



87.2950, -64.6430, -23.4190

Sweetspot

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



110.2210, 10.4040, 20.7080



164.1950, 4.1250, 7.8450



99.1470, -13.1150, 11.9170



80.8310, 2.1540, 5.0180



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



110.2210, 10.4040, 20.7080



136.3070, 16.4540, 32.2140



108.3540, 17.0990, 15.0110



62.4780, 1.6500, 3.1380



52.7930, 33.9620, 67.3540



0.9400, 0.2290, 1.3570

Inverse Universe

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



106.0740, 23.5190, 8.7910



129.6520, 36.6310, 13.4550



119.6460, -17.0990, -15.0110



61.7940, 3.5760, 1.2720



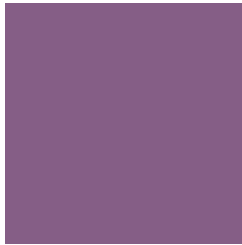
39.2120, 76.5170, 28.4930



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 110.2210, 10.4040, 20.7080 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 110.2210, 10.4040, 20.7080 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 110.2210, 10.4040, 20.7080

Background



This preview shows how black text looks on a background with the YIQ color 110.2210, 10.4040, 20.7080.



This preview shows how white text looks on a background with the YIQ color 110.2210, 10.4040,

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

110.2210, 10.4040, 20.7080

Protanopia

107.5270, -17.2410, 9.5990

Deuteranopia

108.0780, -8.6670, 8.3970



Tritanopia

108.8820, 15.3120, 8.8480

Trichromacy



Original Color

110.2210, 10.4040, 20.7080

Protanomaly

108.7240, -7.4300, 13.5140

Deuteranomaly

108.8340, -1.9280, 12.9200

Tritanomaly

109.1470, 13.2480, 13.2160

Monochromacy



Original Color

110.2210, 10.4040, 20.7080

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8960, 3.5290, 7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2210, 10.4040, 20.7080 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(133, 94, 134)` looks like.

```
.text, #text, p{  
    color:rgb(133, 94, 134)  
}
```

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(133, 94, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 94, 134) }
```

Border

The CSS property to change the border of an element to YIQ 110.2210, 10.4040, 20.7080 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(133, 94, 134) }
```


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

```
.border{ border-color:rgb(133, 94, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 94, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 94, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 94, 134);  
box-shadow:4px 4px 4px 4px rgb(133, 94,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2210, 10.4040, 20.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 94, 134) }
```

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

```
.background{ background-color: rgb(133, 94,  
134) }
```

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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