

Converting Colors

YIQ(135.8720, 12.1040, 0.9040)

Have a look what the booklet for
YIQ(135.8720, 12.1040, 0.9040)
contains.

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Color

**YIQ(135.8720, 12.1040,
0.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	94847C
RGB	148, 132, 124
RGB Percent	58%, 52%, 49%
CMY	0.4196, 0.4824, 0.5137
CMYK	0.00, 0.11, 0.16, 0.42
HSL	20°, 10%, 53%
HSV	20°, 16%, 58%
XYZ	24.1036, 24.2530, 22.4843
YIQ	135.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

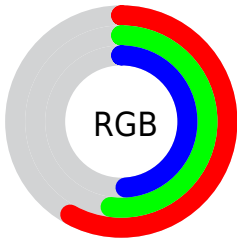
Format	Color
R_{YB}	148, 136, 124
Decimal	9733244
CIE Lab	56.34, 4.67, 6.51
CIE LCh	56, 8.013, 54.334
Yxy	24.2530, 0.3402, 0.3424
Android (android.graphics.Color)	4287923324 (0xFF94847C)
YUV	135.8720, -5.8529, 10.6363
Hunter-Lab	49.2473, 1.1822, 7.4038

Details

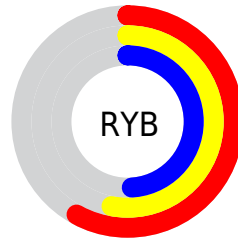
The YIQ color $135.8720, 12.1040, 0.9040$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $136.1280, -12.1040, -0.9040$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.0570, 13.0210, 0.8050$, and $86.2740, 10.9120, 0.4800$ is the 20% darker color. If you saturate the color by 10%, you get $128.2920, 19.6690, 1.4690$, and if you desaturate by 10%, it is $143.4520, 4.5390, 0.3390$.

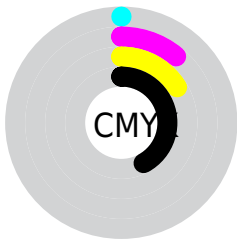
Distribution



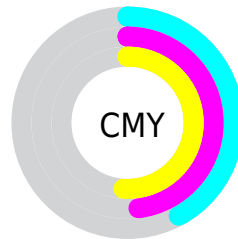
- Red (58%)
- Green (52%)
- Blue (49%)



- Red (58%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (16%)
- Black (42%)



- Cyan (42%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.8720, 12.1040, 0.9040 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 135.8720, 12.1040, 0.9040 by changing the saturation by 10% instead.

■ 135.8720, 12.1040,
0.9040

■ 135.8720, 12.1040,
0.9040

■ 255.0000, -0.0000,
-0.0000

■ 110.5730, 11.5080,
0.6920

■ 189.1710, 12.7000,
1.1160

■ 86.2740, 10.9120,
0.4800

■ 217.0570, 13.0210,
0.8050

■ 63.0890, 9.9950,
0.5790

■ 244.1600, 11.2330,
0.1690

■ 40.7900, 9.3990,
0.3670

■ 19.7470, 10.9580,
-0.3540

■ 0.0000, 0.0000,
0.0000

■ 135.8720, 12.1040,
0.9040

■ 135.8720, 12.1040,
0.9040

■ 128.2920, 19.6690,
1.4690

■ 143.4520, 4.5390,
0.3390

■ 120.7120, 27.2340,
2.0340

■ 151.0320, -3.0260,
-0.2260

■ 113.2460, 34.4780,
2.9100

■ 158.4980,
-10.2700, -1.1020

■ 105.6660, 42.0430,
3.4750

■ 166.0780,
-17.8350, -1.6670

■ 98.6730, 49.3330,
3.5170

■ 173.0710,
-25.1250, -1.7090

■ 91.0930, 56.8980,
4.0820

■ 180.6510,
-32.6900, -2.2740

■ 83.5130, 64.4630,
4.6470

■ 188.2310,
-40.2550, -2.8390

■ 76.0470, 71.7070,

■ 195.6970,

5.5230

-47.4990, -3.7150

■ 73.0150, 74.7330,
5.7490

■ 203.0490,
-54.4220, -4.9020

Harmonies

Analogous

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



136.5670, 11.6450, 3.7170



135.8720, 12.1040, 0.9040



134.9100, 8.9410, -2.3470

Triad

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



135.8720, 12.1040, 0.9040



132.6350, -9.3980, -5.8940



135.8950, -3.8980, 4.5660

Complementary

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



135.8720, 12.1040, 0.9040



136.1280, -12.1040, -0.9040

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.



134.4920, -10.1330, 1.9230



135.8720, 12.1040, 0.9040



132.9490, -13.1580, -3.8300

Square

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



135.8720, 12.1040, 0.9040



133.4570, -3.0250, -5.7530



133.5300, -13.2960, -1.3280



136.5430, 3.0250, 5.7530

Rectangle

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



135.8720, 12.1040, 0.9040



134.7030, 5.0900, -4.1420



133.5300, -13.2960, -1.3280



135.5850, -5.9610, 3.4070

Sweetspot

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



135.8720, 12.1040, 0.9040



186.4520, 4.5390, 0.3390



133.0000, 9.1680, 10.0640



93.9680, 3.0260, 0.2260



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



135.8720, 12.1040, 0.9040



172.8080, 18.1560, 1.3560



142.9160, 8.8040, -5.3720



70.2670, 3.6220, 0.4380



68.2640, 69.5980, 5.1980



4.7510, 5.1350, 0.5510

Inverse Universe

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



136.1280, -12.1040, -0.9040



173.1920, -18.1560, -1.3560



129.0840, -8.8040, 5.3720



70.1460, -3.3470, 0.0850



69.7360, -69.5980, -5.1980



5.2490, -5.1350, -0.5510

Previews

White Background



This preview shows how the YIQ color 135.8720, 12.1040, 0.9040 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 135.8720, 12.1040, 0.9040 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 135.8720, 12.1040, 0.9040

Background



This preview shows how black text looks on a background with the YIQ color 135.8720, 12.1040, 0.9040.



This preview shows how white text looks on a background with the YIQ color 135.8720, 12.1040,

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

135.8720, 12.1040, 0.9040

Protanopia

135.3550, 6.1900, -2.0500

Deuteranopia

135.8940, 15.0380, 2.7980



Tritanopia

137.1200, 8.7100, 7.3500

Trichromacy



Original Color

135.8720, 12.1040, 0.9040

Protanomaly

135.6650, 8.2530, -0.8910

Deuteranomaly

136.1820, 14.1670, 2.0630

Tritanomaly

136.7240, 9.7650, 4.7490

Monochromacy



Original Color

135.8720, 12.1040, 0.9040

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.1530, 3.9430, 0.1270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8720, 12.1040, 0.9040 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(148, 132, 124)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 124)  
}
```

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(148, 132, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 124) }
```

Border

The CSS property to change the border of an element to YIQ 135.8720, 12.1040, 0.9040 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(148, 132, 124) }
```


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

```
.border{ border-color:rgb(148, 132, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 124);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8720, 12.1040, 0.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 124) }
```

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

```
.background{ background-color: rgb(148,  
132, 124) }
```

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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