

Converting Colors

YIQ(134.7220, 30.4420, 9.9780)

Have a look what the booklet for
YIQ(134.7220, 30.4420, 9.9780)
contains.

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Color

**YIQ(134.7220, 30.4420,
9.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7876
RGB	170, 120, 118
RGB Percent	67%, 47%, 46%
CMY	0.3332, 0.5295, 0.5371
CMYK	0.00, 0.29, 0.31, 0.33
HSL	2°, 23%, 56%
HSV	2°, 31%, 67%
XYZ	26.5699, 23.2860, 20.2435
YIQ	134.7220, 30.4420, 9.9780

Conversions

Conversions Part 2

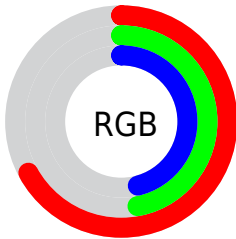
Format	Color
R_{YB}	170, 120, 118
Decimal	11171958
CIE Lab	55.37, 19.32, 8.90
CIE LCh	55, 21.268, 24.725
Yxy	23.2860, 0.3790, 0.3322
Android (android.graphics.Color)	4289362038 (0xFFAA7876)
YUV	134.7220, -8.2439, 30.9388
Hunter-Lab	48.2556, 13.8360, 8.9064

Details

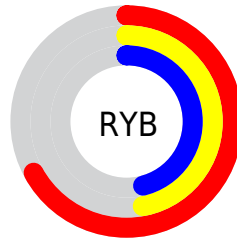
The YIQ color $134.7220, 30.4420, 9.9780$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $153.2780, -30.4420, -9.9780$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.5050, 32.5510, 10.3030$, and $84.3410, 27.1410, 9.2290$ is the 20% darker color. If you saturate the color by 10%, you get $123.3920, 40.2990, 13.0590$, and if you desaturate by 10%, it is $146.0520, 20.5850, 6.8970$.

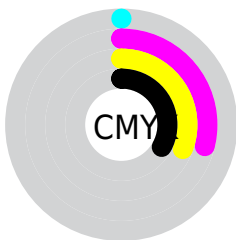
Distribution



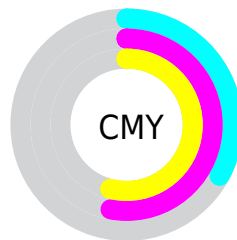
- Red (67%)
- Green (47%)
- Blue (46%)



- Red (67%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (33%)




- Cyan (33%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.7220, 30.4420, 9.9780 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 134.7220, 30.4420, 9.9780 by changing the saturation by 10% instead.


 134.7220, 30.4420,
9.9780


 134.7220, 30.4420,
9.9780


255.0000, -0.0000,
-0.0000


 109.1240, 29.2500,
9.5540


 188.5050, 32.5510,
10.3030

 84.3410, 27.1410,
9.2290


 216.1030, 33.7430,
10.7270

 60.8570, 25.6280,
9.1160

 235.7310, 17.0550,
4.7910

 38.0740, 23.5190,
8.7910

254.8860, 0.3210,
-0.3110

 14.9170, 25.3990,
7.7590

 0.0000, 0.0000,
0.0000

■ 134.7220, 30.4420,
9.9780

■ 134.7220, 30.4420,
9.9780

■ 123.3920, 40.2990,
13.0590

■ 146.0520, 20.5850,
6.8970

■ 111.4750, 50.4310,
16.6630

■ 157.9690, 10.4530,
3.2930

■ 100.1450, 60.2880,
19.7440

■ 169.2990, 0.5960,
0.2120

■ 88.8150, 70.1450,
22.8250

■ 180.6290, -9.2610,
-2.8690

■ 76.8980, 80.2770,
26.4290

■ 192.5460,
-19.3930, -6.4730

■ 65.5680, 90.1340,
29.5100


■ 203.8760,
-29.2500, -9.5540

■ 54.3520, 99.6700,
32.9020

■ 215.7930,
-39.3820, -13.1580

■ 227.1230,

-49.2390, -16.2390

 229.5850,
-50.6600, -18.0200

Harmonies

Analogous

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



135.4040, 22.8300, 15.7740



134.7220, 30.4420, 9.9780



133.2670, 29.9850, 1.7370

Triad

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



134.7220, 30.4420, 9.9780



128.0120, -9.4420, -16.1140



129.9060, -28.7940, 4.2140

Complementary

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



134.7220, 30.4420, 9.9780



153.2780, -30.4420, -9.9780

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.



125.7640, -40.4380, -5.0300



134.7220, 30.4420, 9.9780



125.2580, -27.6900, -15.8020

Square

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



134.7220, 30.4420, 9.9780



129.9880, 8.3010, -12.7790



124.0210, -40.0240, -12.5360



133.8160, -10.6850, 11.9310

Rectangle

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



134.7220, 30.4420, 9.9780



132.5390, 26.0430, -3.9170



124.0210, -40.0240, -12.5360



128.5740, -33.7910, 1.1610

Sweetspot

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



134.7220, 30.4420, 9.9780



208.5670, 11.6450, 3.7170



139.2480, 14.9420, 26.5740



103.5880, 7.1520, 2.5440



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.



134.7220, 30.4420, 9.9780



166.2790, 48.0470, 15.8150



149.9840, 23.2920, -3.6200



78.3920, 4.7680, 1.6960



47.7740, 86.5580, 28.2380



6.5670, 11.6450, 3.7170

Inverse Universe

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



153.2780, -30.4420, -9.9780



195.7210, -48.0470, -15.8150



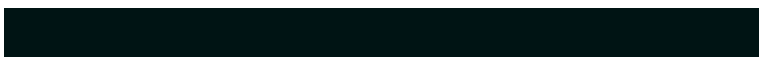
138.0160, -23.2920, 3.6200



81.6080, -4.7680, -1.6960



100.2260, -86.5580, -28.2380



14.0200, -11.9200, -4.2400

Previews

White Background



This preview shows how the YIQ color 134.7220, 30.4420, 9.9780 looks on a white background.

Color Contrast Check

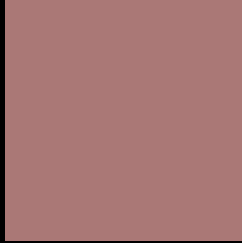
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.7220, 30.4420, 9.9780 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 134.7220, 30.4420, 9.9780

Background



This preview shows how black text looks on a background with the YIQ color 134.7220, 30.4420, 9.9780.



This preview shows how white text looks on a background with the YIQ color 134.7220, 30.4420,

9.9780.

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

134.7220, 30.4420, 9.9780

Protanopia

132.6970, 5.2270, -1.1170

Deuteranopia

133.9220, 17.8350, 1.6670



Tritanopia

135.5740, 28.1030, 13.8230

Trichromacy



Original Color

134.7220, 30.4420, 9.9780

Protanomaly

133.5950, 14.4420, 2.5860

Deuteranomaly

134.2540, 22.8320, 4.7200

Tritanomaly

135.1180, 29.3870, 12.5790

Monochromacy



Original Color

134.7220, 30.4420, 9.9780

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.2680, 11.0490, 3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7220, 30.4420, 9.9780 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, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(170, 120, 118)  
}
```

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, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 120, 118) }
```

Border

The CSS property to change the border of an element to YIQ 134.7220, 30.4420, 9.9780 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, 120, 118) }
```


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

```
.border{ border-color:rgb(170, 120, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 120, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 120, 118);  
box-shadow:4px 4px 4px 4px rgb(170, 120,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7220, 30.4420, 9.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 120, 118) }
```

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

```
.background{ background-color: rgb(170,  
120, 118) }
```

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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