

Converting Colors

YIQ(134.2260, 12.0080, 24.6800)

Have a look what the booklet for
YIQ(134.2260, 12.0080, 24.6800)
contains.

YIQ(134.2260, 12.0080, 24.6800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(134.2260, 12.0080,
24.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	A173A3
RGB	161, 115, 163
RGB Percent	63%, 45%, 64%
CMY	0.3685, 0.5491, 0.3608
CMYK	0.01, 0.29, 0.00, 0.36
HSL	298°, 21%, 55%
HSV	298°, 29%, 64%
XYZ	27.4447, 22.4823, 37.5446
YIQ	134.2260, 12.0080, 24.6800

Conversions

Conversions Part 2

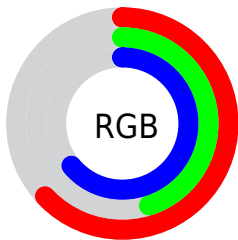
Format	Color
RYB	161, 115, 163
Decimal	10580899
CIELab	54.54, 26.45, -18.63
CIElCh	55, 32.354, 324.833
Yxy	22.4823, 0.3138, 0.2570
Android (android.graphics.Color)	4288770979 (0xFFA173A3)
YUV	134.2260, 14.1856, 23.4808
Hunter-Lab	47.4155, 20.3412, -13.7563

Details

The YIQ color **134.2260, 12.0080, 24.6800** is a light color, and the websafe version is hex **996699**. A complement of this color would be **143.7740, -12.0080, -24.6800**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0520, 12.5580, 25.7260**, and **83.9870, 11.1830, 23.1110** is the 20% darker color. If you saturate the color by 10%, you get **124.5350, 15.8120, 32.8360**, and if you desaturate by 10%, it is **143.9170, 8.2040, 16.5240**.

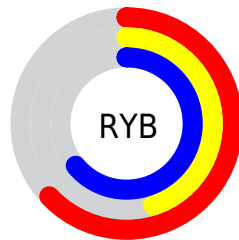
Distribution



Red (63%)

Green (45%)

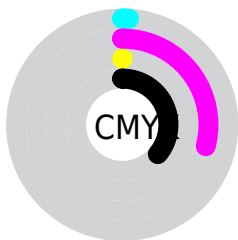
Blue (64%)



Red (63%)

Yellow (45%)

Blue (64%)

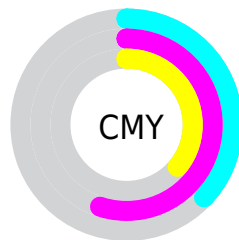


Cyan (1%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.2260, 12.0080, 24.6800 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 134.2260, 12.0080, 24.6800 by changing the saturation by 10% instead.

134.2260, 12.0080,
24.6800

134.2260, 12.0080,
24.6800

255.0000, -0.0000,
-0.0000

108.5140, 11.1370,
23.9450

187.4650, 12.8330,
26.2490

83.9870, 11.1830,
23.1110

215.8780, 13.1080,
26.7720

60.2750, 10.3120,
22.3760

236.2160, 8.8000,
16.7360

36.8620, 10.0370,
21.8530

253.2390, 0.8250,
1.5690

16.0360, 9.4870,
20.8070

2.2800, -6.4200,
6.2200

0.0000, 0.0000,

0.0000

■ 134.2260, 12.0080,
24.6800

■ 134.2260, 12.0080,
24.6800

■ 124.5350, 15.8120,
32.8360

■ 143.9170, 8.2040,
16.5240

■ 114.5560, 20.4870,
41.7270

■ 153.8960, 3.5290,
7.6330

■ 104.8650, 24.2910,
49.8830

■ 163.5870, -0.2750,
-0.5230

■ 95.1740, 28.0950,
58.0390

■ 173.2780, -4.0790,
-8.6790

■ 85.1950, 32.7700,
66.9300

■ 182.6700, -8.4790,
-17.0470

■ 75.5040, 36.5740,
75.0860

■ 192.9480,
-12.5580, -25.7260

■ 65.8130, 40.3780,
83.2420

■ 202.6390,
-16.3620, -33.8820

■ 65.2260, 40.6530,
83.7650

■ 212.0310,
-20.7620, -42.2500

■ 218.2000,
-22.9160, -47.2680

Harmonies

Analogous

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



131.6830, -17.3800, 17.6280



134.2260, 12.0080, 24.6800



133.6060, 34.2450, 23.6610

Triad

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



134.2260, 12.0080, 24.6800



128.7320, 32.5090, -10.9710



102.5570, -88.9880, -28.2520

Complementary

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



134.2260, 12.0080, 24.6800



143.7740, -12.0080, -24.6800

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.



115.0980, -48.0910, -26.0350



134.2260, 12.0080, 24.6800



126.2130, 11.7410, -20.0590

Square

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



134.2260, 12.0080, 24.6800



130.5090, 43.9230, 2.4430



121.9200, -15.3550, -24.5950



109.2840, -83.3050, -15.6010

Rectangle

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



134.2260, 12.0080, 24.6800



132.6360, 42.7280, 18.6000



121.9200, -15.3550, -24.5950



106.6140, -75.9670, -27.4470

Sweetspot

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



134.2260, 12.0080, 24.6800



200.5480, 4.6290, 9.7250



121.6460, -15.9580, 13.8820



99.9560, 3.3000, 6.2760



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



134.2260, 12.0080, 24.6800



167.6650, 18.5620, 38.0660



132.3160, 20.2620, 18.2620



76.4180, 1.8790, 4.4950



58.0910, 36.2990, 74.5630



7.1350, 4.3540, 9.2020

Inverse Universe

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



129.5800, 27.9660, 10.7980



160.4680, 43.1410, 16.6210



145.6840, -20.2620, -18.2620



75.8050, 5.0430, 2.2190



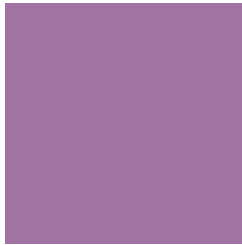
44.0390, 84.4940, 32.6060



5.4960, 10.4070, 4.1270

Previews

White Background



This preview shows how the YIQ color 134.2260, 12.0080, 24.6800 looks on a white background.

Color Contrast Check

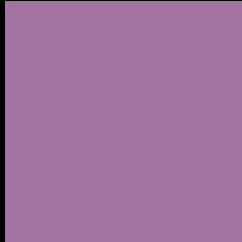
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.2260, 12.0080, 24.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

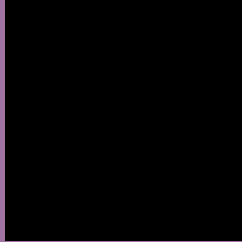
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.2260, 12.0080, 24.6800

Background



This preview shows how black text looks on a background with the YIQ color 134.2260, 12.0080, 24.6800.



This preview shows how white text looks on a background with the YIQ color 134.2260, 12.0080,

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

134.2260, 12.0080, 24.6800

Protanopia

131.0260, -20.0840, 11.5640

Deuteranopia

131.7620, -10.5930, 10.2630



Tritanopia

132.9040, 18.2460, 10.7420

Trichromacy



Original Color

134.2260, 12.0080, 24.6800

Protanomaly

132.1200, -8.4850, 16.1150

Deuteranomaly

132.5290, -2.3870, 15.7330

Tritanomaly

133.3970, 15.5400, 15.7320

Monochromacy



Original Color

134.2260, 12.0080, 24.6800

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.1350, 4.3540, 9.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.2260, 12.0080, 24.6800 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(161, 115, 163)` looks like.

```
.text, #text, p{  
    color:rgb(161, 115, 163)  
}
```

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(161, 115, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 115, 163) }
```

Border

The CSS property to change the border of an element to YIQ 134.2260, 12.0080, 24.6800 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(161, 115, 163) }
```


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

```
.border{ border-color:rgb(161, 115, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 115, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 115, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 115, 163);  
box-shadow:4px 4px 4px 4px rgb(161, 115,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 134.2260, 12.0080, 24.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 115, 163) }
```

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

```
.background{ background-color: rgb(161,  
115, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor