

Converting Colors

YIQ(121.3280, 19.9880, 12.2120)

Have a look what the booklet for
YIQ(121.3280, 19.9880, 12.2120)
contains.

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Color

**YIQ(121.3280, 19.9880,
12.2120)**

Conversions

Conversions Part 1

Format	Color
Hex	946C78
RGB	148, 108, 120
RGB Percent	58%, 42%, 47%
CMY	0.4195, 0.5765, 0.5293
CMYK	0.00, 0.27, 0.19, 0.42
HSL	342°, 16%, 50%
HSV	342°, 27%, 58%
XYZ	20.9695, 18.3764, 20.2168
YIQ	121.3280, 19.9880, 12.2120

Conversions

Conversions Part 2

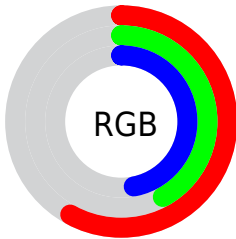
Format	Color
R_{YB}	148, 108, 120
Decimal	9727096
CIE _{Lab}	49.95, 17.86, -0.39
CIE _{LCh}	50, 17.864, 358.741
Yxy	18.3764, 0.3521, 0.3085
Android (android.graphics.Color)	4287917176 (0xFF946C78)
YUV	121.3280, -0.6547, 23.3913
Hunter-Lab	42.8677, 12.2979, 2.0458

Details

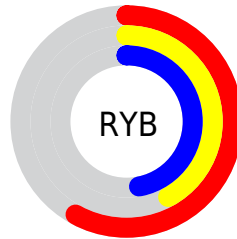
The YIQ color **121.3280, 19.9880, 12.2120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **134.6720, -19.9880, -12.2120**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.2250, 21.7760, 12.8480**, and **72.1320, 17.6040, 11.3640** is the 20% darker color. If you saturate the color by 10%, you get **111.3830, 27.3230, 16.9470**, and if you desaturate by 10%, it is **131.2730, 12.6530, 7.4770**.

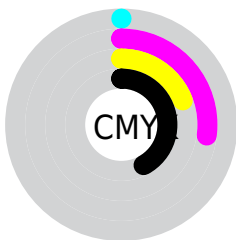
Distribution



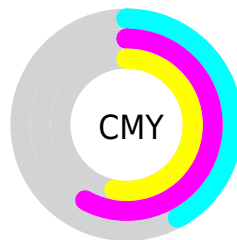
- Red (58%)
- Green (42%)
- Blue (47%)



- Red (58%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.3280, 19.9880, 12.2120 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 121.3280, 19.9880, 12.2120 by changing the saturation by 10% instead.


 121.3280, 19.9880,
12.2120


 121.3280, 19.9880,
12.2120


255.0000, -0.0000,
-0.0000


 96.6160, 19.1170,
11.4770


 174.2250, 21.7760,
12.8480


 72.1320, 17.6040,
11.3640


 201.6380, 22.0510,
13.3710

 49.4200, 16.7330,
10.6290

 228.4420, 19.6670,
12.5230

 27.8220, 15.5410,
10.2050

 247.9560, 3.3000,
6.2760

 9.4970, 17.8340,
7.1940

 0.0000, 0.0000,
0.0000

121.3280, 19.9880,
12.2120

121.3280, 19.9880,
12.2120

111.3830, 27.3230,
16.9470

131.2730, 12.6530,
7.4770

101.3240, 34.9790,
21.3710

141.3320, 4.9970,
3.0530

91.9660, 42.0390,
25.5830

150.6900, -2.0630,
-1.1590

82.0210, 49.3740,
30.3180

160.6350, -9.3980,
-5.8940

71.9620, 57.0300,
34.7420

170.6940,
-17.0540, -10.3180

62.0170, 64.3650,
39.4770

180.6390,
-24.3890, -15.0530

52.0720, 71.7000,
44.2120


190.6980,
-32.0450, -19.4770

49.2680, 74.0840,

200.0560,

45.0600

-39.1050, -23.6890

 210.0010,
-46.4400, -28.4240

Harmonies

Analogous

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



121.2220, 8.6630, 13.7110



121.3280, 19.9880, 12.2120



120.8030, 25.7200, 7.4480

Triad

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



121.3280, 19.9880, 12.2120



116.1880, 4.8620, -11.0260



114.3090, -31.7270, -3.2070

Complementary

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



121.3280, 19.9880, 12.2120



134.6720, -19.9880, -12.2120

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.



112.1360, -32.9180, -9.1580



121.3280, 19.9880, 12.2120



114.7070, -9.9010, -13.3010

Square

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



121.3280, 19.9880, 12.2120



118.5810, 17.0570, -6.2630



112.5190, -23.9310, -12.3390



117.3260, -21.2290, 4.7790

Rectangle

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



121.3280, 19.9880, 12.2120



119.8690, 25.3540, 3.0660



112.5190, -23.9310, -12.3390



113.3580, -33.4230, -5.5110

Sweetspot

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



121.3280, 19.9880, 12.2120



181.0550, 7.3350, 4.7350



120.6330, 3.2520, 18.1640



90.3320, 4.9970, 3.0530



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.



121.3280, 19.9880, 12.2120



150.2910, 30.5780, 18.5300



124.0690, 21.9150, 4.8190



69.3210, 3.5300, 2.1060



45.9360, 69.0870, 42.0070



3.3320, 4.9970, 3.0530

Inverse Universe

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



121.3280, 19.9880, 12.2120



150.2910, 30.5780, 18.5300



131.9310, -21.9150, -4.8190



69.3210, 3.5300, 2.1060



45.9360, 69.0870, 42.0070



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 121.3280, 19.9880, 12.2120 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 121.3280, 19.9880, 12.2120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

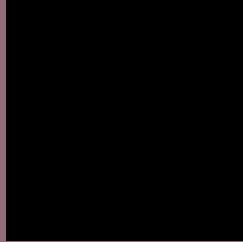
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.3280, 19.9880, 12.2120

Background



This preview shows how black text looks on a background with the YIQ color 121.3280, 19.9880, 12.2120.



This preview shows how white text looks on a background with the YIQ color 121.3280, 19.9880,

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

121.3280, 19.9880, 12.2120

Protanopia

119.2110, -1.9720, 2.7000

Deuteranopia

120.2400, 8.2520, 4.6360



Tritanopia

121.5730, 20.6760, 10.7560

Trichromacy



Original Color

121.3280, 19.9880, 12.2120

Protanomaly

119.9240, 6.3260, 6.5020

Deuteranomaly

120.2730, 12.6530, 7.4770

Tritanomaly

121.6870, 20.3550, 11.0670

Monochromacy



Original Color

121.3280, 19.9880, 12.2120

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.3280, 19.9880, 12.2120 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, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(148, 108, 120)  
}
```

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, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 108, 120) }
```

Border

The CSS property to change the border of an element to YIQ 121.3280, 19.9880, 12.2120 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, 108, 120) }
```


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

```
.border{ border-color:rgb(148, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(148, 108,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 121.3280, 19.9880, 12.2120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 108, 120) }
```

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

```
.background{ background-color: rgb(148,  
108, 120) }
```

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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