

Converting Colors

YIQ(121.8080, 36.4920, 21.4840)

Have a look what the booklet for
YIQ(121.8080, 36.4920, 21.4840)
contains.

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Color

**YIQ(121.8080, 36.4920,
21.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	AA6276
RGB	170, 98, 118
RGB Percent	67%, 38%, 46%
CMY	0.3331, 0.6158, 0.5371
CMYK	0.00, 0.42, 0.31, 0.33
HSL	343°, 30%, 53%
HSV	343°, 42%, 67%
XYZ	24.2245, 18.5898, 19.4612
YIQ	121.8080, 36.4920, 21.4840

Conversions

Conversions Part 2

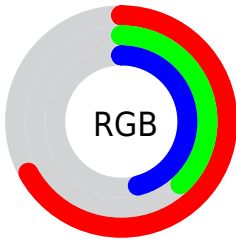
Format	Color
R_{YB}	170, 98, 118
Decimal	11166326
CIE _{Lab}	50.20, 31.65, 1.49
CIE _{LCh}	50, 31.686, 2.687
Yxy	18.5898, 0.3890, 0.2985
Android (android.graphics.Color)	4289356406 (0xFFAA6276)
YUV	121.8080, -1.8773, 42.2644
Hunter-Lab	43.1159, 24.8370, 3.4193

Details

The YIQ color **121.8080, 36.4920, 21.4840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.1920, -36.4920, -21.4840**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.3030, 39.4720, 22.5440**, and **71.4270, 33.1910, 20.7350** is the 20% darker color. If you saturate the color by 10%, you get **110.4610, 45.0190, 26.6430**, and if you desaturate by 10%, it is **133.1550, 27.9650, 16.3250**.

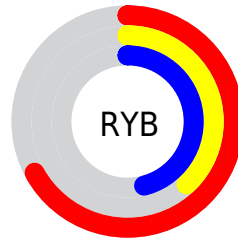
Distribution



Red (67%)

Green (38%)

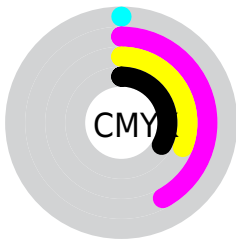
Blue (46%)



Red (67%)

Yellow (38%)

Blue (46%)

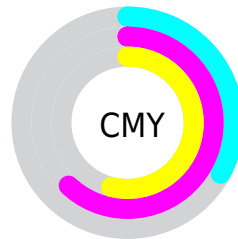


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (33%)



Cyan (33%)


Magenta (62%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.8080, 36.4920, 21.4840 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 121.8080, 36.4920, 21.4840 by changing the saturation by 10% instead.


 121.8080, 36.4920,
21.4840


 121.8080, 36.4920,
21.4840


255.0000, -0.0000,
-0.0000


 95.9110, 34.7040,
20.8480


 175.3030, 39.4720,
22.5440

 71.4270, 33.1910,
20.7350


 202.6020, 40.0680,
22.7560

 46.7580, 30.7610,
20.7210

 222.2300, 23.3800,
16.8200

 22.2140, 29.4770,
21.9650

 241.9720, 6.3710,
11.1950

 13.2700, 25.9030,
9.6390

 0.0000, 0.0000,
0.0000

■ 121.8080, 36.4920,
21.4840

■ 121.8080, 36.4920,
21.4840

■ 110.4610, 45.0190,
26.6430

■ 133.1550, 27.9650,
16.3250

■ 99.0000, 53.8670,
31.4910

■ 144.6160, 19.1170,
11.4770

■ 87.6530, 62.3940,
36.6500

■ 155.9630, 10.5900,
6.3180

■ 76.3060, 70.9210,
41.8090

■ 167.3100, 2.0630,
1.1590

■ 64.9590, 79.4480,
46.9680

■ 178.6570, -6.4640,
-4.0000


■ 56.1880, 86.2330,
50.6570

■ 190.1180,
-15.3120, -8.8480

■ 201.4650,
-23.8390, -14.0070

■ 212.8120,

-32.3660, -19.1660

 224.1590,
-40.8930, -24.3250

Harmonies

Analogous

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



122.7490, 17.7850, 24.6090



121.8080, 36.4920, 21.4840



120.6050, 44.0130, 11.8290

Triad

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



121.8080, 36.4920, 21.4840



113.9780, 5.0930, -20.7230



101.3390, -75.9700, -10.8660

Complementary

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



121.8080, 36.4920, 21.4840



146.1920, -36.4920, -21.4840

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.



94.9430, -84.0830, -23.5310



121.8080, 36.4920, 21.4840



110.0270, -22.9660, -24.3260

Square

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



121.8080, 36.4920, 21.4840



117.3290, 26.2740, -13.6140



100.8240, -59.0030, -26.5150



115.5660, -39.3400, 8.1160

Rectangle

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



121.8080, 36.4920, 21.4840



119.5520, 42.3640, 3.1640



100.8240, -59.0030, -26.5150



94.7780, -87.7520, -17.6080

Sweetspot

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



121.8080, 36.4920, 21.4840



202.5830, 14.7160, 8.6360



121.7560, 7.8800, 33.4160



99.9520, 9.1230, 5.3710



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.



121.8080, 36.4920, 21.4840



146.3210, 57.3970, 33.5970



128.9200, 38.5120, 6.8960



78.6200, 4.1260, 2.3180



48.9260, 75.0470, 44.1270



6.6640, 9.9940, 6.1060

Inverse Universe

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



121.8080, 36.4920, 21.4840



146.3210, 57.3970, 33.5970



139.0800, -38.5120, -6.8960



78.6200, 4.1260, 2.3180



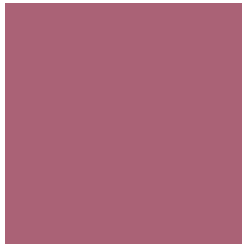
48.9260, 75.0470, 44.1270



6.6640, 9.9940, 6.1060

Previews

White Background



This preview shows how the YIQ color 121.8080, 36.4920, 21.4840 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 121.8080, 36.4920, 21.4840 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 121.8080, 36.4920, 21.4840

Background



This preview shows how black text looks on a background with the YIQ color 121.8080, 36.4920, 21.4840.



This preview shows how white text looks on a background with the YIQ color 121.8080, 36.4920,

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

121.8080, 36.4920, 21.4840

Protanopia

120.2540, -3.5310, 3.4210

Deuteranopia

120.9690, 10.4530, 3.2930



Tritanopia

121.4290, 38.8770, 16.8050

Trichromacy



Original Color

121.8080, 36.4920, 21.4840

Protanomaly

120.7830, 11.2770, 10.3890

Deuteranomaly

120.8610, 19.8050, 10.0210

Tritanomaly

121.2980, 37.8680, 18.5720

Monochromacy



Original Color

121.8080, 36.4920, 21.4840

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.6860, 12.9280, 8.0000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8080, 36.4920, 21.4840 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, 98, 118)` looks like.

```
.text, #text, p{  
    color:rgb(170, 98, 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, 98, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 98, 118) }
```

Border

The CSS property to change the border of an element to YIQ 121.8080, 36.4920, 21.4840 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, 98, 118) }
```


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

```
.border{ border-color:rgb(170, 98, 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, 98, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 98, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 98, 118);  
box-shadow:4px 4px 4px 4px rgb(170, 98,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8080, 36.4920, 21.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 98, 118) }
```

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

```
.background{ background-color: rgb(170, 98,  
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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