

Converting Colors

YIQ(121.6210, 29.8890, 25.5130)

Have a look what the booklet for
YIQ(121.6210, 29.8890, 25.5130)
contains.

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Color

**YIQ(121.6210, 29.8890,
25.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	A66184
RGB	166, 97, 132
RGB Percent	65%, 38%, 52%
CMY	0.3488, 0.6197, 0.4823
CMYK	0.00, 0.42, 0.20, 0.35
HSL	330°, 28%, 52%
HSV	330°, 42%, 65%
XYZ	24.1743, 18.3227, 24.1007
YIQ	121.6210, 29.8890, 25.5130

Conversions

Conversions Part 2

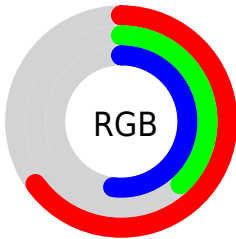
Format	Color
R_{YB}	166, 97, 132
Decimal	10903940
CIE Lab	49.89, 32.80, -7.39
CIE LCh	50, 33.626, 347.311
Yxy	18.3227, 0.3630, 0.2751
Android (android.graphics.Color)	4289094020 (0xFFA66184)
YUV	121.6210, 5.1168, 38.9204
Hunter-Lab	42.8051, 25.8996, -3.4187

Details

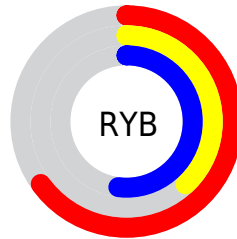
The YIQ color **121.6210, 29.8890, 25.5130** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.3790, -29.8890, -25.5130**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **174.9310, 31.9520, 26.6720**, and **71.1260, 26.9090, 24.4530** is the 20% darker color. If you saturate the color by 10%, you get **110.7300, 37.1320, 31.9160**, and if you desaturate by 10%, it is **132.5120, 22.6460, 19.1100**.

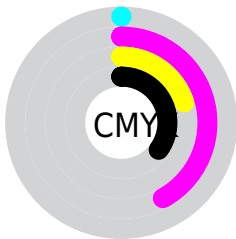
Distribution



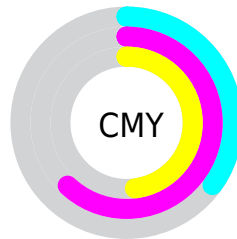
- Red (65%)
- Green (38%)
- Blue (52%)



- Red (65%)
- Yellow (38%)
- Blue (52%)



- Cyan (0%)
- Magenta (42%)
- Yellow (20%)
- Black (35%)



- Cyan (35%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.6210, 29.8890, 25.5130 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 121.6210, 29.8890, 25.5130 by changing the saturation by 10% instead.

121.6210, 29.8890,
25.5130

121.6210, 29.8890,
25.5130

255.0000, -0.0000,
-0.0000

96.0230, 28.6970,
25.0890

174.9310, 31.9520,
26.6720

71.1260, 26.9090,
24.4530

202.9420, 33.4190,
27.6190

46.9410, 25.9920,
24.5520

223.4670, 18.5190,
22.3190

22.8700, 24.7540,
24.9620

241.4990, 6.3250,
12.0290

14.4960, 19.5750,
14.1910

0.0000, 0.0000,
0.0000

121.6210, 29.8890,
25.5130

121.6210, 29.8890,
25.5130

110.7300, 37.1320,
31.9160

132.5120, 22.6460,
19.1100

100.4260, 44.1000,
37.7960

142.8160, 15.6780,
13.2300

89.4210, 51.6640,
43.8880

153.8210, 8.1140,
7.1380

79.1170, 58.6320,
49.7680

164.1250, 1.1460,
1.2580

68.2260, 65.8750,
56.1710

175.0160, -6.0970,
-5.1450


59.2100, 71.9720,
61.3160

185.9070,
-13.3400, -11.5480

196.2110,
-20.3080, -17.4280

207.1020,

-27.5510, -23.8310

 217.5200,
-34.8400, -29.4000

Harmonies

Analogous

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



122.1050, 5.0390, 24.3270



121.6210, 29.8890, 25.5130



120.1200, 44.2410, 18.7130

Triad

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



121.6210, 29.8890, 25.5130



114.6760, 17.7470, -18.7730



95.1370, -87.3850, -18.7530

Complementary

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



121.6210, 29.8890, 25.5130



141.3790, -29.8890, -25.5130

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.



94.0480, -80.1850, -28.0970



121.6210, 29.8890, 25.5130



111.0410, -8.3860, -24.2420

Square

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



121.6210, 29.8890, 25.5130



117.4660, 36.3140, -8.3420



103.7950, -42.8640, -27.1520



106.9650, -62.8130, -1.5090

Rectangle

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



121.6210, 29.8890, 25.5130



119.2200, 46.5350, 10.1750



103.7950, -42.8640, -27.1520



94.8120, -85.0920, -21.7640

Sweetspot

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



121.6210, 29.8890, 25.5130



200.2560, 11.3230, 9.5550



114.7330, -2.4810, 28.4550



99.6960, 6.9680, 5.8800



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.6210, 29.8890, 25.5130



146.8610, 47.3090, 40.2130



117.7450, 40.8030, 14.9390



78.8480, 3.4840, 2.9400



52.8020, 64.1330, 54.7010



7.1200, 8.7100, 7.3500

Inverse Universe

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



121.6210, 29.8890, 25.5130



146.8610, 47.3090, 40.2130



145.2550, -40.8030, -14.9390



78.8480, 3.4840, 2.9400



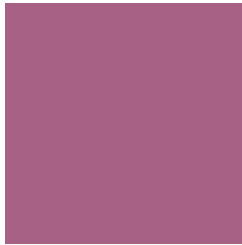
52.8020, 64.1330, 54.7010



7.1200, 8.7100, 7.3500

Previews

White Background



This preview shows how the YIQ color 121.6210, 29.8890, 25.5130 looks on a white background.

Color Contrast Check

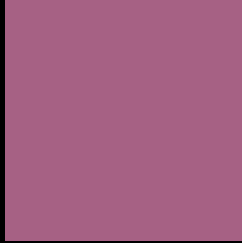
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 121.6210, 29.8890, 25.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

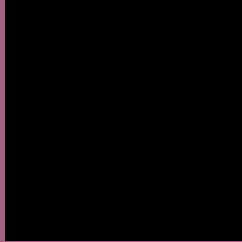
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.6210, 29.8890, 25.5130

Background



This preview shows how black text looks on a background with the YIQ color 121.6210, 29.8890, 25.5130.



This preview shows how white text looks on a background with the YIQ color 121.6210, 29.8890,

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

121.6210, 29.8890, 25.5130

Protanopia

119.6970, -11.9680, 7.6480

Deuteranopia

120.4720, 1.7870, 6.1630



Tritanopia

120.7490, 34.9800, 15.8440

Trichromacy



Original Color

121.6210, 29.8890, 25.5130

Protanomaly

120.1120, 3.1610, 14.3050

Deuteranomaly

120.9620, 12.3310, 13.3150

Tritanomaly

121.3730, 33.2830, 19.0670

Monochromacy



Original Color

121.6210, 29.8890, 25.5130

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.6210, 29.8890, 25.5130 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(166, 97, 132)` looks like.

```
.text, #text, p{  
    color:rgb(166, 97, 132)  
}
```

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(166, 97, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 97, 132) }
```

Border

The CSS property to change the border of an element to YIQ 121.6210, 29.8890, 25.5130 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(166, 97, 132) }
```


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

```
.border{ border-color:rgb(166, 97, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 97, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 97, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 97, 132);  
box-shadow:4px 4px 4px 4px rgb(166, 97,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 121.6210, 29.8890, 25.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 97, 132) }
```

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

```
.background{ background-color: rgb(166, 97,  
132) }
```

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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