

Converting Colors

YIQ(120.1300, 21.0860, 25.3580)

Have a look what the booklet for
YIQ(120.1300, 21.0860, 25.3580)
contains.

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Color

**YIQ(120.1300, 21.0860,
25.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	9C628C
RGB	156, 98, 140
RGB Percent	61%, 38%, 55%
CMY	0.3881, 0.6158, 0.4509
CMYK	0.00, 0.37, 0.10, 0.39
HSL	317°, 23%, 50%
HSV	317°, 37%, 61%
XYZ	22.8184, 17.6968, 27.0291
YIQ	120.1300, 21.0860, 25.3580

Conversions

Conversions Part 2

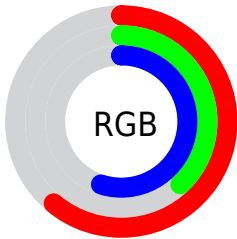
Format	Color
R _Y B	156, 98, 140
Decimal	10248844
CIE Lab	49.13, 30.04, -13.41
CIE LCh	49, 32.896, 335.944
Yxy	17.6968, 0.3378, 0.2620
Android (android.graphics.Color)	4288438924 (0xFF9C628C)
YUV	120.1300, 9.7959, 31.4580
Hunter-Lab	42.0675, 23.2044, -8.6476

Details

The YIQ color **120.1300, 21.0860, 25.3580** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.8700, -21.0860, -25.3580**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.2550, 22.2320, 26.6160**, and **70.4070, 18.7480, 23.6760** is the 20% darker color. If you saturate the color by 10%, you get **110.2820, 26.7700, 32.4820**, and if you desaturate by 10%, it is **129.9780, 15.4020, 18.2340**.

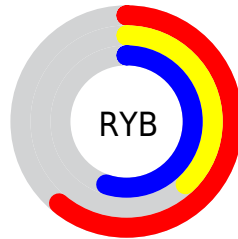
Distribution



Red (61%)

Green (38%)

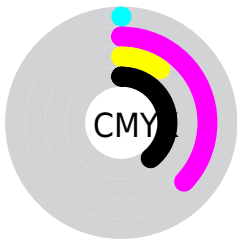
Blue (55%)



Red (61%)

Yellow (38%)

Blue (55%)

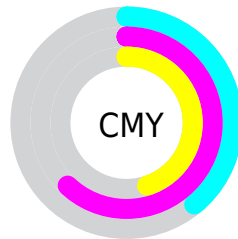


Cyan (0%)

Magenta (37%)

Yellow (10%)

Black (39%)



Cyan (39%)


Magenta (62%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 120.1300, 21.0860, 25.3580 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 120.1300, 21.0860, 25.3580 by changing the saturation by 10% instead.


 120.1300, 21.0860,
25.3580


 120.1300, 21.0860,
25.3580


255.0000, -0.0000,
-0.0000


 94.4180, 20.2150,
24.6230


 173.5540, 22.8280,
26.8280


 70.4070, 18.7480,
23.6760

 200.9670, 23.1030,
27.3510


 46.1080, 18.1520,
23.4640

 224.4930, 15.6300,
25.1180

 22.3360, 17.5100,
24.0860

 242.0860, 6.0500,
11.5060

 13.2010, 13.1560,
14.8840

 0.0000, 0.0000,
0.0000

120.1300, 21.0860,
25.3580

120.1300, 21.0860,
25.3580

110.2820, 26.7700,
32.4820

129.9780, 15.4020,
18.2340

100.9070, 32.5000,
38.7720

139.3530, 9.6720,
11.9440

91.0590, 38.1840,
45.8960

149.2010, 3.9880,
4.8200

81.7980, 43.5930,
52.4970

158.4620, -1.4210,
-1.7810

71.8360, 49.5980,
59.3100

168.4240, -7.4260,
-8.5940

61.9880, 55.2820,
66.4340


178.2720,
-13.1100, -15.7180

59.5260, 56.7030,
68.2150

187.5330,
-18.5190, -22.3190

197.3810,

-24.2030, -29.4430

 206.7560,
-29.9330, -35.7330

Harmonies

Analogous

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



119.2500, -5.7350, 21.3450



120.1300, 21.0860, 25.3580



118.4770, 38.9220, 21.4980

Triad

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



120.1300, 21.0860, 25.3580



114.0900, 25.4490, -15.1830



93.2960, -83.5790, -21.6510

Complementary

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



120.1300, 21.0860, 25.3580



133.8700, -21.0860, -25.3580

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.



90.8050, -75.1870, -30.5710



120.1300, 21.0860, 25.3580



110.9560, 2.1590, -22.6170

Square

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



120.1300, 21.0860, 25.3580



116.0800, 40.5770, -2.9990



105.4610, -27.1840, -24.9760



95.9900, -82.2970, -11.8410

Rectangle

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



120.1300, 21.0860, 25.3580



117.8980, 44.7460, 15.0660



105.4610, -27.1840, -24.9760



92.8570, -80.9650, -24.9730

Sweetspot

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



120.1300, 21.0860, 25.3580



190.4020, 7.9760, 9.6400



109.0970, -9.6780, 21.2180



93.9130, 4.8590, 5.5550



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



120.1300, 21.0860, 25.3580



147.1460, 33.3250, 40.3410



116.9380, 30.0740, 16.6500



74.0760, 2.8420, 3.5620



54.4990, 52.1650, 62.3490



5.7390, 5.4090, 6.6010

Inverse Universe

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



120.1300, 21.0860, 25.3580



147.1460, 33.3250, 40.3410



137.0620, -30.0740, -16.6500



74.0760, 2.8420, 3.5620



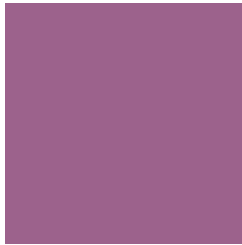
54.4990, 52.1650, 62.3490



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 120.1300, 21.0860, 25.3580 looks on a white background.

Color Contrast Check

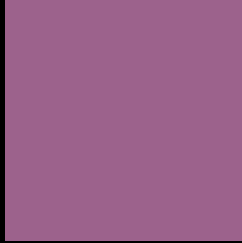
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.1300, 21.0860, 25.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

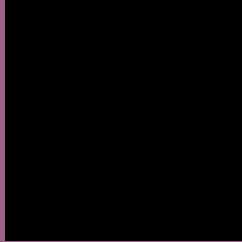
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 120.1300, 21.0860, 25.3580

Background



This preview shows how black text looks on a background with the YIQ color 120.1300, 21.0860, 25.3580.



This preview shows how white text looks on a background with the YIQ color 120.1300, 21.0860,

25.3580.

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

120.1300, 21.0860, 25.3580

Protanopia

117.5270, -17.2410, 9.5990

Deuteranopia

118.1170, -4.4030, 8.2130



Tritanopia

119.4490, 26.9570, 12.5650

Trichromacy



Original Color

120.1300, 21.0860, 25.3580

Protanomaly

118.2300, -2.9830, 15.5210

Deuteranomaly

118.5960, 4.6740, 14.4180

Tritanomaly

119.8280, 24.5720, 17.2440

Monochromacy



Original Color

120.1300, 21.0860, 25.3580

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.9890, 7.7010, 9.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.1300, 21.0860, 25.3580 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(156, 98, 140)` looks like.

```
.text, #text, p{  
    color:rgb(156, 98, 140)  
}
```

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(156, 98, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 98, 140) }
```

Border

The CSS property to change the border of an element to YIQ 120.1300, 21.0860, 25.3580 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(156, 98, 140) }
```


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

```
.border{ border-color:rgb(156, 98, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 98, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 98, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 98, 140);  
box-shadow:4px 4px 4px 4px rgb(156, 98,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 120.1300, 21.0860, 25.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 98, 140) }
```

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

```
.background{ background-color: rgb(156, 98,  
140) }
```

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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