

# Converting Colors

YIQ(120.5280, 25.7170, 24.0290)

Have a look what the booklet for  
YIQ(120.5280, 25.7170, 24.0290)  
contains.

<b>YIQ(120.5280, 25.7170, 24.0290)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(120.5280, 25.7170,  
24.0290)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A06285
RGB	160, 98, 133
RGB Percent	63%, 38%, 52%
CMY	0.3724, 0.6158, 0.4784
CMYK	0.00, 0.39, 0.17, 0.37
HSL	326°, 25%, 51%
HSV	326°, 39%, 63%
XYZ	23.1061, 17.9025, 24.4349
YIQ	120.5280, 25.7170, 24.0290

# Conversions

## Conversions Part 2

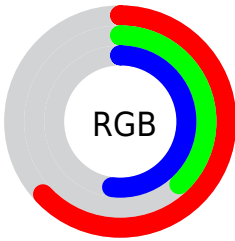
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 98, 133
Decimal	10510981
CIE <sub>Lab</sub>	49.38, 30.26, -8.82
CIE <sub>LCh</sub>	49, 31.515, 343.751
Yxy	17.9025, 0.3531, 0.2736
Android (android.graphics.Color)	4288701061 (0xFFA06285)
YUV	120.5280, 6.1487, 34.6169
Hunter-Lab	42.3114, 23.4331, -4.6222

# Details

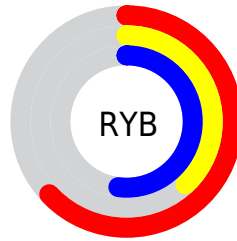
The YIQ color **120.5280, 25.7170, 24.0290** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.4720, -25.7170, -24.0290**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.8380, 27.7800, 25.1880**, and **70.2180, 23.6540, 22.8700** is the 20% darker color. If you saturate the color by 10%, you get **110.3380, 32.3640, 30.2200**, and if you desaturate by 10%, it is **130.7180, 19.0700, 17.8380**.

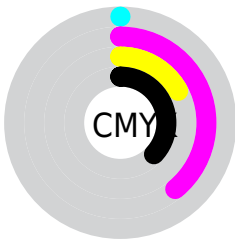
# Distribution



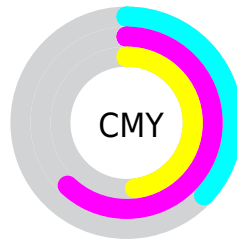
- Red (63%)
- Green (38%)
- Blue (52%)



- Red (63%)
- Yellow (38%)
- Blue (52%)



- Cyan (0%)
- Magenta (39%)
- Yellow (17%)
- Black (37%)



- Cyan (37%)
- Magenta (62%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 120.5280, 25.7170, 24.0290 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 120.5280, 25.7170, 24.0290 by changing the saturation by 10% instead.



120.5280, 25.7170,  
24.0290

120.5280, 25.7170,  
24.0290

255.0000, -0.0000,  
-0.0000

94.9300, 24.5250,  
23.6050

173.8380, 27.7800,  
25.1880

70.3320, 23.3330,  
23.1810

201.5500, 28.6510,  
25.9230

46.6200, 22.4620,  
22.4460

224.1680, 17.9230,  
22.1070

22.0760, 21.1780,  
23.6900

242.0860, 6.0500,  
11.5060

13.4140, 16.8700,  
13.6540

0.0000, 0.0000,  
0.0000

120.5280, 25.7170,  
24.0290

120.5280, 25.7170,  
24.0290

110.3380, 32.3640,  
30.2200

130.7180, 19.0700,  
17.8380

100.1480, 39.0110,  
36.4110

140.9080, 12.4230,  
11.6470

89.9580, 45.6580,  
42.6020

151.0980, 5.7760,  
5.4560

79.7680, 52.3050,  
48.7930

161.2880, -0.8710,  
-0.7350

69.5780, 58.9520,  
54.9840

171.4780, -7.5180,  
-6.9260

59.3880, 65.5990,  
61.1750


181.6680,  
-14.1650, -13.1170

58.1000, 66.4700,  
61.9100

191.8580,  
-20.8120, -19.3080

202.0480,

-27.4590, -25.4990

 212.2380,  
-34.1060, -31.6900

# Harmonies

## Analogous

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



120.6700, 1.8300, 21.9100



120.5280, 25.7170, 24.0290



118.9670, 40.2980, 18.5860

# Triad

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



120.5280, 25.7170, 24.0290



114.2140, 19.1680, -16.9920



93.8660, -85.1840, -20.0960

# Complementary

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



120.5280, 25.7170, 24.0290



137.4720, -25.7170, -24.0290

# 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.



92.1900, -77.7090, -28.9170



120.5280, 25.7170, 24.0290



110.6610, -4.2600, -21.9240

# Square

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



120.5280, 25.7170, 24.0290



116.6340, 35.9010, -6.3630



104.9810, -34.5200, -24.1840



105.6940, -60.6120, -2.8520



# Rectangle

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



120.5280, 25.7170, 24.0290



118.1920, 43.7380, 11.3060



104.9810, -34.5200, -24.1840



93.5410, -82.8910, -23.1070

# Sweetspot

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



120.5280, 25.7170, 24.0290



193.0710, 10.4060, 9.6540



113.1410, -3.8100, 25.0060



95.3970, 6.3720, 5.6680



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



120.5280, 25.7170, 24.0290



146.5720, 40.7530, 37.8810



116.9940, 35.6680, 14.3880



73.9620, 3.1630, 3.2510



51.9910, 59.2270, 55.5070



5.5110, 6.0510, 5.9790



# Inverse Universe

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



120.5280, 25.7170, 24.0290



146.5720, 40.7530, 37.8810



141.0060, -35.6680, -14.3880



73.9620, 3.1630, 3.2510



51.9910, 59.2270, 55.5070

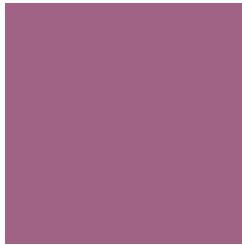


5.5110, 6.0510, 5.9790



# Previews

## White Background



This preview shows how the YIQ color 120.5280, 25.7170, 24.0290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

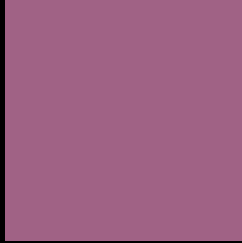
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 120.5280, 25.7170, 24.0290 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

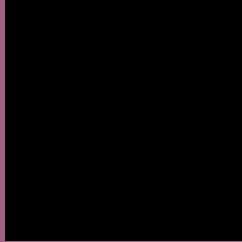
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 120.5280, 25.7170, 24.0290

## Background



This preview shows how black text looks on a background with the YIQ color 120.5280, 25.7170, 24.0290.



This preview shows how white text looks on a background with the YIQ color 120.5280, 25.7170,



# 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

120.5280, 25.7170, 24.0290

### Protanopia

118.3980, -12.5640, 7.4360

### Deuteranopia

119.4010, 0.5490, 6.5730



## Tritanopia

119.3570, 30.2120, 14.1480

# Trichromacy



## Original Color

120.5280, 25.7170, 24.0290

## Protanomaly

119.2150, 1.3730, 13.6690

## Deuteranomaly

119.8800, 9.6260, 12.7780

## Tritanomaly

119.9810, 28.5150, 17.3710

# Monochromacy



## Original Color

120.5280, 25.7170, 24.0290

## Achromatopsia

121.0000, -0.0000, 0.0000

## Achromatomaly

120.9460, 9.2600, 8.3960

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 120.5280, 25.7170, 24.0290 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(160, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(160, 98, 133)  
}
```

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(160, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 98, 133) }
```

## Border

The CSS property to change the border of an element to YIQ 120.5280, 25.7170, 24.0290 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(160, 98, 133) }
```



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

```
.border{ border-color:rgb(160, 98, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 98, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(160, 98,  
133) }
```

# Background

The CSS property to change the background color of an element to YIQ 120.5280, 25.7170, 24.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 98, 133) }
```

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

```
.background{ background-color: rgb(160, 98,  
133) }
```

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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