

Converting Colors

YIQ(125.2740, 29.2480, 20.6080)

Have a look what the booklet for
YIQ(125.2740, 29.2480, 20.6080)
contains.

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Color

**YIQ(125.2740, 29.2480,
20.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	A66880
RGB	166, 104, 128
RGB Percent	65%, 41%, 50%
CMY	0.3489, 0.5922, 0.4979
CMYK	0.00, 0.37, 0.23, 0.35
HSL	337°, 26%, 53%
HSV	337°, 37%, 65%
XYZ	24.5802, 19.5660, 22.9118
YIQ	125.2740, 29.2480, 20.6080

Conversions

Conversions Part 2

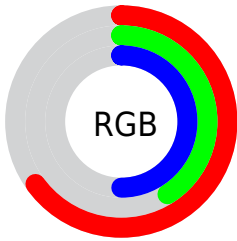
Format	Color
RYB	166, 104, 128
Decimal	10905728
CIELab	51.34, 28.28, -2.85
CIELCh	51, 28.428, 354.246
Yxy	19.5660, 0.3666, 0.2918
Android (android.graphics.Color)	4289095808 (0xFFA66880)
YUV	125.2740, 1.3439, 35.7167
Hunter-Lab	44.2335, 21.7823, 0.2528

Details

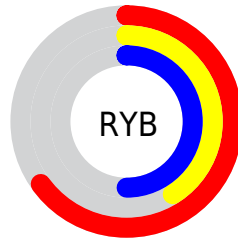
The YIQ color **125.2740, 29.2480, 20.6080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.7260, -29.2480, -20.6080**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.5840, 31.3110, 21.7670**, and **74.7790, 26.2680, 19.5480** is the 20% darker color. If you saturate the color by 10%, you get **114.1550, 37.1330, 26.3890**, and if you desaturate by 10%, it is **136.3930, 21.3630, 14.8270**.

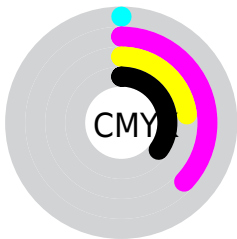
Distribution



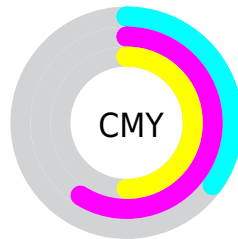
- Red (65%)
- Green (41%)
- Blue (50%)



- Red (65%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (23%)
- Black (35%)



- Cyan (35%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.2740, 29.2480, 20.6080 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 125.2740, 29.2480, 20.6080 by changing the saturation by 10% instead.

125.2740, 29.2480,
20.6080

125.2740, 29.2480,
20.6080

255.0000, -0.0000,
-0.0000

99.6760, 28.0560,
20.1840

178.5840, 31.3110,
21.7670

75.0780, 26.8640,
19.7600

206.1820, 32.5030,
22.1910

51.1810, 25.0760,
19.1240

227.1200, 17.8780,
17.4140

27.2240, 23.5170,
19.8450

246.1950, 4.1250,
7.8450

14.0400, 20.8590,
12.9470

0.0000, 0.0000,
0.0000

125.2740, 29.2480,
20.6080

125.2740, 29.2480,
20.6080

114.1550, 37.1330,
26.3890

136.3930, 21.3630,
14.8270

103.6230, 44.7430,
31.6470

146.9250, 13.7530,
9.5690

92.5040, 52.6280,
37.4280

158.1580, 5.5470,
4.0990

81.8580, 60.5590,
42.3750

168.6900, -2.0630,
-1.1590

70.7390, 68.4440,
48.1560

179.8090, -9.9480,
-6.9400

59.6200, 76.3290,
53.9370


190.9280,
-17.8330, -12.7210

56.9300, 78.3920,
55.0960

201.4600,
-25.4430, -17.9790

212.5790,

-33.3280, -23.7600

 223.2250,
-41.2590, -28.7070

Harmonies

Analogous

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



125.7480, 10.3580, 21.5420



125.2740, 29.2480, 20.6080



124.3210, 39.0610, 13.4690

Triad

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



125.2740, 29.2480, 20.6080



118.6090, 10.6860, -17.4580



107.7980, -64.1410, -10.4850

Complementary

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



125.2740, 29.2480, 20.6080



144.7260, -29.2480, -20.6080

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.



104.2890, -64.5060, -20.3940



125.2740, 29.2480, 20.6080



114.9960, -12.5130, -21.0330

Square

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



125.2740, 29.2480, 20.6080



121.0460, 28.7490, -8.9070



110.2240, -39.5180, -21.7100



117.2620, -41.5400, 3.9320

Rectangle

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



125.2740, 29.2480, 20.6080



122.9910, 39.7500, 6.4860



110.2240, -39.5180, -21.7100



104.7110, -68.4500, -14.9940

Sweetspot

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



125.2740, 29.2480, 20.6080



201.2020, 11.4150, 7.8870



122.1310, 2.1500, 27.1260



100.1690, 7.0140, 5.0460



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.



125.2740, 29.2480, 20.6080



152.6340, 46.2100, 32.5940



126.0600, 35.3020, 10.0060



78.7340, 3.8050, 2.6290



50.7500, 69.9110, 49.1030



6.8920, 9.3520, 6.7280

Inverse Universe

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



125.2740, 29.2480, 20.6080



152.6340, 46.2100, 32.5940



143.9400, -35.3020, -10.0060



78.7340, 3.8050, 2.6290



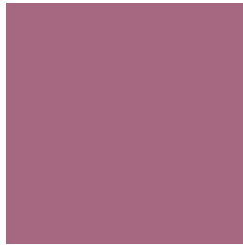
50.7500, 69.9110, 49.1030



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 125.2740, 29.2480, 20.6080 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 125.2740, 29.2480, 20.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

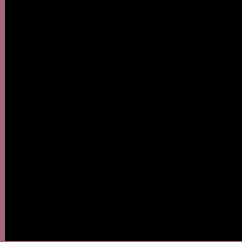
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.2740, 29.2480, 20.6080

Background



This preview shows how black text looks on a background with the YIQ color 125.2740, 29.2480, 20.6080.



This preview shows how white text looks on a background with the YIQ color 125.2740, 29.2480,

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

125.2740, 29.2480, 20.6080

Protanopia

123.3400, -6.6490, 4.8630

Deuteranopia

123.8700, 6.4180, 4.8340



Tritanopia

124.5530, 32.5960, 14.9960

Trichromacy



Original Color

125.2740, 29.2480, 20.6080

Protanomaly

123.8580, 6.6920, 10.8840

Deuteranomaly

124.6370, 14.6240, 10.3040

Tritanomaly

124.5360, 31.2660, 17.0740

Monochromacy



Original Color

125.2740, 29.2480, 20.6080

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9030, 10.8190, 7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.2740, 29.2480, 20.6080 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, 104, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 104, 128)  
}
```

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, 104, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 104, 128) }
```

Border

The CSS property to change the border of an element to YIQ 125.2740, 29.2480, 20.6080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

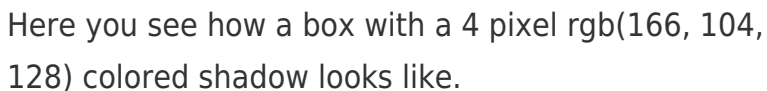
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 104, 128) }
```


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

```
.border{ border-color:rgb(166, 104, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 104, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 104, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 104, 128); box-shadow:4px 4px 4px 4px rgb(166, 104, 128) }
```

Background

The CSS property to change the background color of an element to YIQ 125.2740, 29.2480, 20.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 104, 128) }
```

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

```
.background{ background-color: rgb(166,  
104, 128) }
```

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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