

Converting Colors

YIQ(127.7810, 41.1220, 25.6820)

Have a look what the booklet for
YIQ(127.7810, 41.1220, 25.6820)
contains.

YIQ(127.7810, 41.1220, 25.6820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(127.7810, 41.1220,
25.6820)**

Conversions

Conversions Part 1

Format	Color
Hex	B7647E
RGB	183, 100, 126
RGB Percent	72%, 39%, 49%
CMY	0.2821, 0.6080, 0.5057
CMYK	0.00, 0.45, 0.31, 0.28
HSL	341°, 37%, 55%
HSV	341°, 45%, 72%
XYZ	27.8635, 20.6889, 22.2758
YIQ	127.7810, 41.1220, 25.6820

Conversions

Conversions Part 2

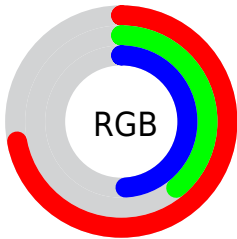
Format	Color
RYB	183, 100, 126
Decimal	12018814
CIELab	52.61, 36.43, 0.44
CIELCh	53, 36.432, 0.693
Yxy	20.6889, 0.3934, 0.2921
Android (android.graphics.Color)	4290208894 (0xFFB7647E)
YUV	127.7810, -0.8780, 48.4271
Hunter-Lab	45.4851, 29.7476, 2.8030

Details

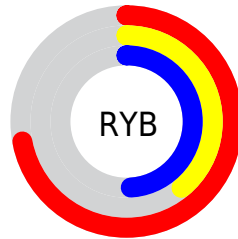
The YIQ color **127.7810, 41.1220, 25.6820** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **155.2190, -41.1220, -25.6820**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.2760, 44.1020, 26.7420**, and **76.1010, 37.2250, 24.7210** is the 20% darker color. If you saturate the color by 10%, you get **115.7330, 50.2450, 31.0530**, and if you desaturate by 10%, it is **139.8290, 31.9990, 20.3110**.

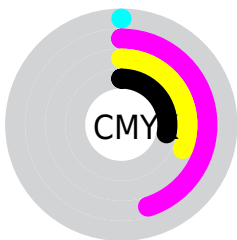
Distribution



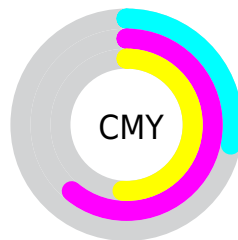
- Red (72%)
- Green (39%)
- Blue (49%)



- Red (72%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (45%)
- Yellow (31%)
- Black (28%)



- Cyan (28%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.7810, 41.1220, 25.6820 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 127.7810, 41.1220, 25.6820 by changing the saturation by 10% instead.

127.7810, 41.1220,
25.6820

127.7810, 41.1220,
25.6820

255.0000, -0.0000,
-0.0000

101.8840, 39.3340,
25.0460

182.2760, 44.1020,
26.7420

76.4000, 37.8210,
24.9330

205.3890, 36.3540,
23.9860

50.5570, 35.9410,
25.9650

225.0170, 19.6660,
18.0500

26.1870, 34.1070,
26.1630

244.4340, 4.9500,
9.4140

16.3890, 27.1860,
13.9220

3.5880, 7.1520,
2.5440

0.0000, 0.0000,

0.0000

■ 127.7810, 41.1220,
25.6820

■ 127.7810, 41.1220,
25.6820

■ 115.7330, 50.2450,
31.0530

■ 139.8290, 31.9990,
20.3110

■ 103.2120, 59.3220,
37.2580

■ 152.3500, 22.9220,
14.1060

■ 91.1640, 68.4450,
42.6290

■ 164.3980, 13.7990,
8.7350

■ 79.2300, 77.2470,
48.3110

■ 176.3320, 4.9970,
3.0530

■ 66.5950, 86.6450,
54.2050

■ 188.3800, -4.1260,
-2.3180

■ 61.2150, 90.7710,
56.5230

■ 200.9010,
-13.2030, -8.5230

■ 212.9490,
-22.3260, -13.8940

■ 224.9970,
-31.4490, -19.2650

■ 231.6480,
-37.7760, -20.2400

Harmonies

Analogous

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



129.4550, 18.7930, 28.3690



127.7810, 41.1220, 25.6820



126.3070, 50.8440, 14.6840

Triad

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



127.7810, 41.1220, 25.6820



119.5390, 7.7070, -24.0450



100.8250, -95.1340, -15.9820

Complementary

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



127.7810, 41.1220, 25.6820



155.2190, -41.1220, -25.6820

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.



100.5510, -88.8510, -25.2270



127.7810, 41.1220, 25.6820



114.1360, -24.8910, -27.9870

Square

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



127.7810, 41.1220, 25.6820



122.9120, 31.8220, -15.0420



97.6040, -79.1750, -35.3910



118.9930, -50.8480, 7.4240

Rectangle

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



127.7810, 41.1220, 25.6820



125.2000, 49.2870, 4.3510



97.6040, -79.1750, -35.3910



101.3150, -93.7580, -18.8940

Sweetspot

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



127.7810, 41.1220, 25.6820



215.0070, 16.4580, 10.1060



126.5050, 7.3290, 37.8970



106.0770, 10.2690, 6.6290



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



127.7810, 41.1220, 25.6820



151.8320, 63.4480, 39.5760



133.6220, 45.3430, 9.7510



86.0330, 4.4010, 2.8410



52.2300, 77.2470, 48.3110



9.3980, 13.7990, 8.7350

Inverse Universe

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



127.7810, 41.1220, 25.6820



151.8320, 63.4480, 39.5760



149.3780, -45.3430, -9.7510



86.0330, 4.4010, 2.8410



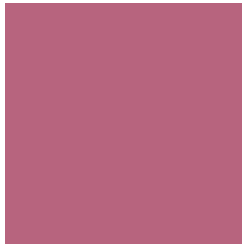
52.2300, 77.2470, 48.3110



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 127.7810, 41.1220, 25.6820 looks on a white background.

Color Contrast Check

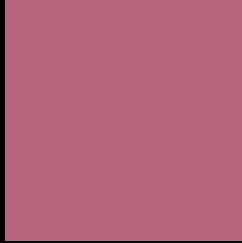
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7810, 41.1220, 25.6820 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 127.7810, 41.1220, 25.6820

Background



This preview shows how black text looks on a background with the YIQ color 127.7810, 41.1220, 25.6820.



This preview shows how white text looks on a background with the YIQ color 127.7810, 41.1220,

25.6820.

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

127.7810, 41.1220, 25.6820

Protanopia

126.5250, -5.7320, 4.7640

Deuteranopia

127.3820, 10.7280, 3.8160



Tritanopia

127.4190, 44.8370, 18.9250

Trichromacy



Original Color

127.7810, 41.1220, 25.6820

Protanomaly

126.9510, 10.8640, 12.3680

Deuteranomaly

127.5840, 22.1430, 11.7030

Tritanomaly

127.5160, 43.1860, 21.3140

Monochromacy



Original Color

127.7810, 41.1220, 25.6820

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9960, 14.9910, 9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7810, 41.1220, 25.6820 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(183, 100, 126)` looks like.

```
.text, #text, p{  
    color:rgb(183, 100, 126)  
}
```

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(183, 100, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 100, 126) }
```

Border

The CSS property to change the border of an element to YIQ 127.7810, 41.1220, 25.6820 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(183, 100, 126) }
```


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

```
.border{ border-color:rgb(183, 100, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 100, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 100, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 100, 126);  
box-shadow:4px 4px 4px 4px rgb(183, 100,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7810, 41.1220, 25.6820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 100, 126) }
```

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

```
.background{ background-color: rgb(183,  
100, 126) }
```

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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