

Converting Colors

YIQ(127.7010, 53.2710, 31.2790)

Have a look what the booklet for
YIQ(127.7010, 53.2710, 31.2790)
contains.

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Color

**YIQ(127.7010, 53.2710,
31.2790)**

Conversions

Conversions Part 1

Format	Color
Hex	C65D7A
RGB	198, 93, 122
RGB Percent	78%, 36%, 48%
CMY	0.2233, 0.6354, 0.5214
CMYK	0.00, 0.53, 0.38, 0.22
HSL	343°, 48%, 57%
HSV	343°, 53%, 78%
XYZ	30.7330, 21.2424, 20.9084
YIQ	127.7010, 53.2710, 31.2790

Conversions

Conversions Part 2

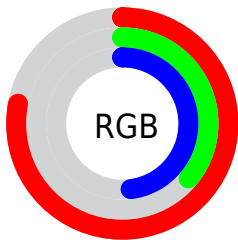
Format	Color
RYB	198, 93, 122
Decimal	13000058
CIELab	53.21, 44.85, 3.95
CIElCh	53, 45.021, 5.032
Yxy	21.2424, 0.4217, 0.2915
Android (android.graphics.Color)	4291190138 (0xFFC65D7A)
YUV	127.7010, -2.8106, 61.6522
Hunter-Lab	46.0894, 38.3696, 5.3658

Details

The YIQ color **127.7010, 53.2710, 31.2790** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **163.2990, -53.2710, -31.2790**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7830, 55.9760, 31.8160**, and **74.0750, 49.2820, 31.9860** is the 20% darker color. If you saturate the color by 10%, you get **114.3650, 63.2650, 37.3850**, and if you desaturate by 10%, it is **141.0370, 43.2770, 25.1730**.

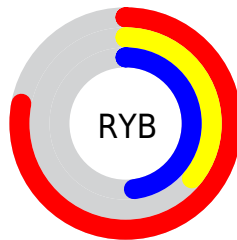
Distribution



Red (78%)

Green (36%)

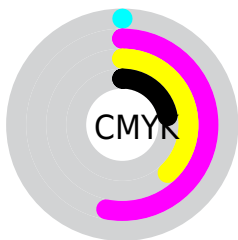
Blue (48%)



Red (78%)

Yellow (36%)

Blue (48%)

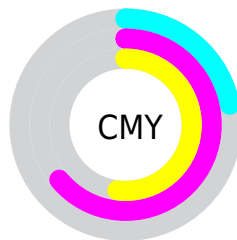


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (64%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.7010, 53.2710, 31.2790 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 127.7010, 53.2710, 31.2790 by changing the saturation by 10% instead.

■ 127.7010, 53.2710,
31.2790

■ 127.7010, 53.2710,
31.2790

255.0000, -0.0000,
-0.0000

■ 100.9180, 51.1620,
30.9540

■ 181.7830, 55.9760,
31.8160

■ 74.0750, 49.2820,
31.9860

■ 201.4110, 39.2880,
25.8800

■ 43.1230, 49.3270,
36.6790

■ 221.0390, 22.6000,
19.9440

■ 28.8350, 41.0300,
27.3500

■ 240.9120, 6.6000,
12.5520

■ 18.3960, 34.4760,
13.9640

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,

0.0000

■ 127.7010, 53.2710,
31.2790

■ 127.7010, 53.2710,
31.2790

■ 114.3650, 63.2650,
37.3850

■ 141.0370, 43.2770,
25.1730

■ 100.9150, 73.5800,
43.1800

■ 154.4870, 32.9620,
19.3780

■ 88.1660, 83.2990,
48.7630

■ 167.2360, 23.2430,
13.7950

■ 74.8300, 93.2930,
54.8690

■ 180.5720, 13.2490,
7.6890

■ 65.4720, 100.3530,
59.0810

■ 194.0220, 2.9340,
1.8940

■ 207.3580, -7.0600,
-4.2120

■ 220.6940,
-17.0540, -10.3180

■ 233.5570,
-27.0940, -15.5900

■ 237.5010,
-32.6880, -13.3280

Harmonies

Analogous

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



130.2870, 28.3740, 36.4540



127.7010, 53.2710, 31.2790



126.1080, 61.7100, 15.9980

Triad

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



127.7010, 53.2710, 31.2790



118.4580, 3.2610, -31.5790



104.6380, -101.7370, -11.9530

Complementary

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



127.7010, 53.2710, 31.2790



163.2990, -53.2710, -31.2790

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.



104.4950, -94.4450, -22.9650



127.7010, 53.2710, 31.2790



108.5850, -42.6330, -36.8490

Square

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



127.7010, 53.2710, 31.2790



122.5500, 35.5370, -21.7990



100.8640, -82.8430, -34.9950



118.7130, -61.6230, 9.9690

Rectangle

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



127.7010, 53.2710, 31.2790



125.4090, 58.8240, 2.2160



100.8640, -82.8430, -34.9950



105.0140, -100.0400, -15.1760

Sweetspot

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



127.7010, 53.2710, 31.2790



227.5130, 20.9050, 12.1130



127.3950, 10.9950, 48.5550



111.2730, 12.6530, 7.4770



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



127.7010, 53.2710, 31.2790



145.8670, 82.7030, 48.5510



137.8960, 56.2550, 10.2310



92.9190, 4.7220, 2.5300



53.8670, 82.7030, 48.5510



11.9040, 18.2460, 10.7420

Inverse Universe

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



127.7010, 53.2710, 31.2790



145.8670, 82.7030, 48.5510



153.1040, -56.2550, -10.2310



92.9190, 4.7220, 2.5300



53.8670, 82.7030, 48.5510



11.9040, 18.2460, 10.7420

Previews

White Background



This preview shows how the YIQ color 127.7010, 53.2710, 31.2790 looks on a white background.

Color Contrast Check

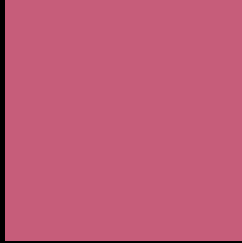
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7010, 53.2710, 31.2790 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 127.7010, 53.2710, 31.2790

Background



This preview shows how black text looks on a background with the YIQ color 127.7010, 53.2710, 31.2790.



This preview shows how white text looks on a background with the YIQ color 127.7010, 53.2710,

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

127.7010, 53.2710, 31.2790

Protanopia

128.4110, -5.4110, 4.4530

Deuteranopia

128.5950, 14.4420, 2.5860



Tritanopia

126.9970, 57.9490, 23.5890

Trichromacy



Original Color

127.7010, 53.2710, 31.2790

Protanomaly

128.3430, 15.6320, 14.0640

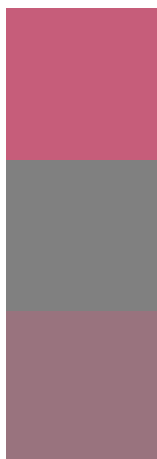
Deuteranomaly

128.3460, 28.7450, 13.2010

Tritanomaly

127.2080, 55.9770, 26.2890

Monochromacy



Original Color

127.7010, 53.2710, 31.2790

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.6160, 19.1170, 11.4770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7010, 53.2710, 31.2790 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(198, 93, 122)` looks like.

```
.text, #text, p{  
    color:rgb(198, 93, 122)  
}
```

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(198, 93, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 93, 122) }
```

Border

The CSS property to change the border of an element to YIQ 127.7010, 53.2710, 31.2790 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(198, 93, 122) }
```


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

```
.border{ border-color:rgb(198, 93, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 93, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 93, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 93, 122);  
box-shadow:4px 4px 4px 4px rgb(198, 93,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7010, 53.2710, 31.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 93, 122) }
```

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

```
.background{ background-color: rgb(198, 93,  
122) }
```

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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