

Converting Colors

YIQ(98.4550, -7.5700, 27.0700)

Have a look what the booklet for
YIQ(98.4550, -7.5700, 27.0700)
contains.

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Color

**YIQ(98.4550, -7.5700,
27.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5399
RGB	108, 83, 153
RGB Percent	42%, 33%, 60%
CMY	0.5764, 0.6745, 0.4001
CMYK	0.29, 0.46, 0.00, 0.40
HSL	261°, 30%, 46%
HSV	261°, 46%, 60%
XYZ	15.0280, 11.6739, 31.5889
YIQ	98.4550, -7.5700, 27.0700

Conversions

Conversions Part 2

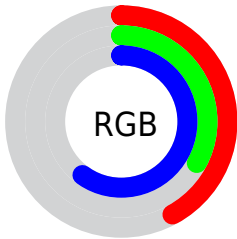
Format	Color
R_{YB}	108, 83, 153
Decimal	7099289
CIE _{Lab}	40.69, 26.00, -34.65
CIE _{LCh}	41, 43.324, 306.883
Yxy	11.6739, 0.2578, 0.2003
Android (android.graphics.Color)	4285289369 (0xFF6C5399)
YUV	98.4550, 26.8907, 8.3710
Hunter-Lab	34.1671, 18.7186, -30.8991

Details

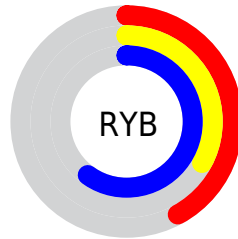
The YIQ color $98.4550, -7.5700, 27.0700$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $137.5450, 7.5700, -27.0700$, and the grayscale version is $98.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $149.9220, -7.3870, 29.2610$, and $50.2760, -8.6240, 24.1440$ is the 20% darker color. If you saturate the color by 10%, you get $86.6600, -9.4050, 32.7950$, and if you desaturate by 10%, it is $110.2500, -5.7350, 21.3450$.

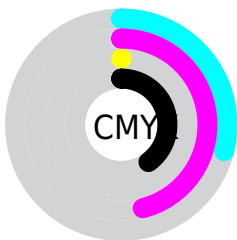
Distribution



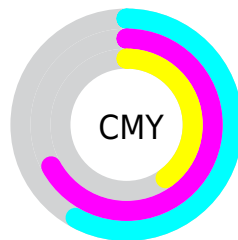
- Red (42%)
- Green (33%)
- Blue (60%)



- Red (42%)
- Yellow (33%)
- Blue (60%)



- Cyan (29%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)



- Cyan (58%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.4550, -7.5700, 27.0700 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 98.4550, -7.5700, 27.0700 by changing the saturation by 10% instead.

■ 98.4550, -7.5700,
27.0700

■ 98.4550, -7.5700,
27.0700

■ 255.0000, -0.0000,
-0.0000

■ 74.2160, -8.3950,
25.5010

■ 149.9220, -7.3870,
29.2610

■ 50.2760, -8.6240,
24.1440

■ 176.7480, -6.8370,
30.3070

■ 27.7380, -10.0450,
22.3630

■ 203.1350, -3.6730,
28.0310

■ 10.3420, -8.9900,
19.7620

■ 228.2420, 5.9110,
19.5350

■ 4.8220, -10.8220,
8.9060

■ 247.9560, 3.3000,
6.2760

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,

0.0000

■ 98.4550, -7.5700,
27.0700

■ 98.4550, -7.5700,
27.0700

■ 86.6600, -9.4050,
32.7950

■ 110.2500, -5.7350,
21.3450

■ 74.2780, -10.9650,
39.0430

■ 122.6320, -4.1750,
15.0970

■ 62.7820, -12.2040,
44.9800

■ 134.4270, -2.3400,
9.3720

■ 50.9870, -14.0390,
50.7050

■ 145.9230, -1.1010,
3.4350

■ 39.1920, -15.8740,
56.4300

■ 157.7180, 0.7340,
-2.2900

■ 33.8870, -16.3330,
59.2430

■ 170.1000, 2.2940,
-8.5380

■ 181.8950, 4.1290,
-14.2630

■ 193.6900, 5.9640,
-19.9880

■ 205.7730, 6.9280,
-26.4480

Harmonies

Analogous

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



85.5450, -61.2100, 7.9900



98.4550, -7.5700, 27.0700



97.5210, 27.5950, 34.0510

Triad

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



98.4550, -7.5700, 27.0700



93.1640, 48.9680, -6.3920



78.0730, -64.1380, -27.0660

Complementary

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



98.4550, -7.5700, 27.0700



137.5450, 7.5700, -27.0700

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.



72.7950, -52.0320, -37.2160



98.4550, -7.5700, 27.0700



90.8700, 31.6400, -22.7600

Square

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



98.4550, -7.5700, 27.0700



94.0040, 56.0710, 13.5670



86.8430, 0.7390, -29.9250



81.4760, -75.0980, -15.6580

Rectangle

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



98.4550, -7.5700, 27.0700



95.4380, 43.8260, 31.7460



86.8430, 0.7390, -29.9250



76.7050, -60.2860, -30.7980

Sweetspot

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



98.4550, -7.5700, 27.0700



177.1820, -3.0280, 10.8280



117.3950, -34.8450, -1.7650



86.6180, -1.5600, 6.2480



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



98.4550, -7.5700, 27.0700



114.0870, -11.7450, 42.1670



108.6210, 12.6940, 34.2780



70.8090, -0.7800, 3.1240



30.9100, -15.1400, 54.1400



2.9770, -1.1930, 5.1030

Inverse Universe

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



109.0600, 27.2750, 28.8350



130.5710, 42.4940, 44.8780



127.0800, -13.2900, -34.4900



71.9620, 3.1630, 3.2510



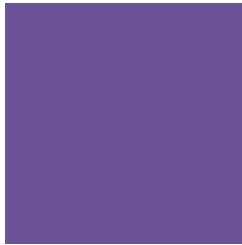
52.1200, 54.5500, 57.6700



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 98.4550, -7.5700, 27.0700 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 98.4550, -7.5700, 27.0700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

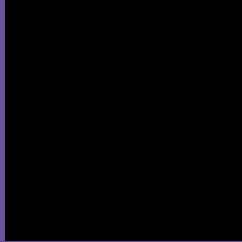
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.4550, -7.5700, 27.0700

Background



This preview shows how black text looks on a background with the YIQ color 98.4550, -7.5700, 27.0700.



This preview shows how white text looks on a background with the YIQ color 98.4550, -7.5700,

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

98.4550, -7.5700, 27.0700

Protanopia

93.7930, -38.2410, 15.7350

Deuteranopia

93.4850, -34.6180, 10.6460



Tritanopia

96.6950, -0.4590, 2.8130

Trichromacy



Original Color

98.4550, -7.5700, 27.0700

Protanomaly

95.4740, -26.9170, 19.7630

Deuteranomaly

95.1490, -24.6240, 16.7520

Tritanomaly

97.7090, -3.0740, 11.6620

Monochromacy



Original Color

98.4550, -7.5700, 27.0700

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.5410, -2.6610, 9.6830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.4550, -7.5700, 27.0700 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(108, 83, 153)` looks like.

```
.text, #text, p{  
    color:rgb(108, 83, 153)  
}
```

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(108, 83, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 83, 153) }
```

Border

The CSS property to change the border of an element to YIQ 98.4550, -7.5700, 27.0700 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(108, 83, 153) }
```


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

```
.border{ border-color:rgb(108, 83, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 83, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 83, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 83, 153);  
box-shadow:4px 4px 4px 4px rgb(108, 83,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 98.4550, -7.5700, 27.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 83, 153) }
```

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

```
.background{ background-color: rgb(108, 83,  
153) }
```

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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