

Converting Colors

YIQ(127.4350, 30.7130, 32.6090)

Have a look what the booklet for
YIQ(127.4350, 30.7130, 32.6090)
contains.

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Color

**YIQ(127.4350, 30.7130,
32.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	B16295
RGB	177, 98, 149
RGB Percent	69%, 38%, 58%
CMY	0.3057, 0.6158, 0.4156
CMYK	0.00, 0.45, 0.16, 0.31
HSL	321°, 34%, 54%
HSV	321°, 45%, 69%
XYZ	27.9353, 20.2535, 30.8795
YIQ	127.4350, 30.7130, 32.6090

Conversions

Conversions Part 2

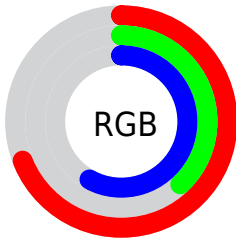
Format	Color
R_{YB}	177, 98, 149
Decimal	11625109
CIE _{Lab}	52.12, 38.80, -13.95
CIE _{LCh}	52, 41.235, 340.228
Yxy	20.2535, 0.3533, 0.2562
Android (android.graphics.Color)	4289815189 (0xFFB16295)
YUV	127.4350, 10.6315, 43.4685
Hunter-Lab	45.0039, 32.0438, -9.1793

Details

The YIQ color **127.4350, 30.7130, 32.6090** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **147.5650, -30.7130, -32.6090**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7450, 32.7760, 33.7680**, and **75.8260, 28.0540, 31.2380** is the 20% darker color. If you saturate the color by 10%, you get **116.1850, 37.5890, 40.1570**, and if you desaturate by 10%, it is **138.6850, 23.8370, 25.0610**.

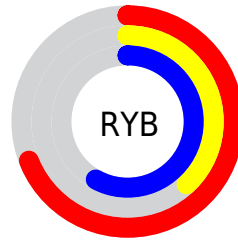
Distribution



Red (69%)

Green (38%)

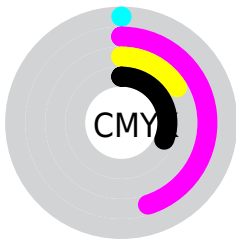
Blue (58%)



Red (69%)

Yellow (38%)

Blue (58%)

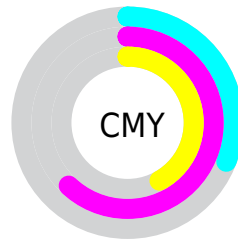


Cyan (0%)

Magenta (45%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (62%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4350, 30.7130, 32.6090 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 127.4350, 30.7130, 32.6090 by changing the saturation by 10% instead.

■ 127.4350, 30.7130,
32.6090

■ 127.4350, 30.7130,
32.6090

■ 255.0000, -0.0000,
-0.0000

■ 101.4240, 29.2460,
31.6620

■ 181.7450, 32.7760,
33.7680

■ 75.8260, 28.0540,
31.2380

■ 207.0650, 28.8790,
32.8070

■ 49.4670, 27.6870,
32.3830

■ 226.2370, 13.4750,
25.6270

■ 27.1570, 25.6240,
31.2240

■ 242.6730, 5.7750,
10.9830

■ 17.8860, 18.6570,
19.8170

■ 3.7020, 6.8310,
2.8550

■ 0.0000, 0.0000,

0.0000

■ 127.4350, 30.7130,
32.6090

■ 127.4350, 30.7130,
32.6090

■ 116.1850, 37.5890,
40.1570

■ 138.6850, 23.8370,
25.0610

■ 105.4080, 44.5110,
46.8710

■ 149.4620, 16.9150,
18.3470

■ 94.1580, 51.3870,
54.4190

■ 160.7120, 10.0390,
10.7990

■ 82.9080, 58.2630,
61.9670

■ 171.9620, 3.1630,
3.2510

■ 71.6580, 65.1390,
69.5150

■ 182.6250, -3.4380,
-3.7740

■ 65.9190, 68.8980,
72.9780

■ 193.9890,
-10.6350, -11.0110

■ 205.2390,
-17.5110, -18.5590

■ 216.4890,
-24.3870, -26.1070

■ 226.0920,
-30.7590, -31.7750

Harmonies

Analogous

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



127.6190, -2.1600, 28.1440



127.4350, 30.7130, 32.6090



124.8700, 51.1170, 26.2610

Triad

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



127.4350, 30.7130, 32.6090



119.6570, 27.9260, -21.5300



101.4460, -92.7490, -20.6610

Complementary

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



127.4350, 30.7130, 32.6090



147.5650, -30.7130, -32.6090

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.



98.8580, -82.7060, -31.9700



127.4350, 30.7130, 32.6090



115.4020, -2.3330, -29.3170

Square

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



127.4350, 30.7130, 32.6090



122.4520, 48.0970, -7.1270



105.4260, -46.4390, -33.9510



100.3180, -97.8400, -10.9920

Rectangle

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



127.4350, 30.7130, 32.6090



124.4110, 56.4830, 17.1150



105.4260, -46.4390, -33.9510



100.8930, -89.8140, -24.2940

Sweetspot

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



127.4350, 30.7130, 32.6090



211.1360, 11.7810, 12.2690



115.3780, -8.6710, 30.5050



103.0490, 7.4720, 7.7600



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



127.4350, 30.7130, 32.6090



152.1960, 48.2240, 51.1680



122.9890, 43.2320, 20.4800



83.3750, 3.4380, 3.7740



57.0330, 59.4090, 63.2250



9.5980, 10.3600, 10.4880

Inverse Universe

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



127.4350, 30.7130, 32.6090



152.1960, 48.2240, 51.1680



152.0110, -43.2320, -20.4800



83.3750, 3.4380, 3.7740



57.0330, 59.4090, 63.2250



9.5980, 10.3600, 10.4880

Previews

White Background



This preview shows how the YIQ color 127.4350, 30.7130, 32.6090 looks on a white background.

Color Contrast Check

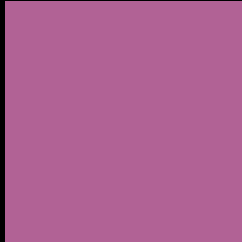
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4350, 30.7130, 32.6090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

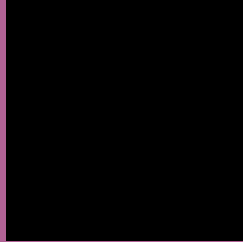
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.4350, 30.7130, 32.6090

Background



This preview shows how black text looks on a background with the YIQ color 127.4350, 30.7130, 32.6090.



This preview shows how white text looks on a background with the YIQ color 127.4350, 30.7130,

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

127.4350, 30.7130, 32.6090

Protanopia

125.0260, -20.0840, 11.5640

Deuteranopia

126.1170, -4.4030, 8.2130



Tritanopia

126.2440, 37.9600, 16.9040

Trichromacy



Original Color

127.4350, 30.7130, 32.6090

Protanomaly

125.8220, -1.6540, 18.9700

Deuteranomaly

126.3300, 8.4790, 17.0470

Tritanomaly

126.2640, 35.2080, 22.7280

Monochromacy



Original Color

127.4350, 30.7130, 32.6090

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8370, 11.1850, 12.0570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.4350, 30.7130, 32.6090 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(177, 98, 149)` looks like.

```
.text, #text, p{  
    color:rgb(177, 98, 149)  
}
```

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(177, 98, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 98, 149) }
```

Border

The CSS property to change the border of an element to YIQ 127.4350, 30.7130, 32.6090 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(177, 98, 149) }
```


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

```
.border{ border-color:rgb(177, 98, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 98, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 98, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 98, 149);  
box-shadow:4px 4px 4px 4px rgb(177, 98,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 127.4350, 30.7130, 32.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 98, 149) }
```

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

```
.background{ background-color: rgb(177, 98,  
149) }
```

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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