

Converting Colors

YIQ(124.1120, 30.6650, 44.4970)

Have a look what the booklet for
YIQ(124.1120, 30.6650, 44.4970)
contains.

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Color

**YIQ(124.1120, 30.6650,
44.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	B557A6
RGB	181, 87, 166
RGB Percent	71%, 34%, 65%
CMY	0.2899, 0.6590, 0.3490
CMYK	0.00, 0.52, 0.08, 0.29
HSL	310°, 39%, 53%
HSV	310°, 52%, 71%
XYZ	29.3617, 19.3959, 38.2801
YIQ	124.1120, 30.6650, 44.4970

Conversions

Conversions Part 2

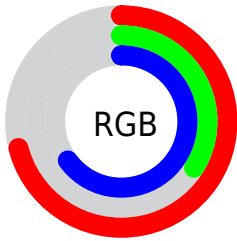
Format	Color
R_{YB}	181, 87, 166
Decimal	11884454
CIE _{Lab}	51.15, 48.57, -25.39
CIE _{LCh}	51, 54.807, 332.407
Yxy	19.3959, 0.3373, 0.2228
Android (android.graphics.Color)	4290074534 (0xFFB557A6)
YUV	124.1120, 20.6508, 49.8908
Hunter-Lab	44.0408, 41.9334, -20.7060

Details

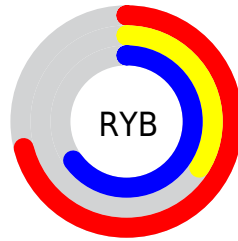
The YIQ color **124.1120, 30.6650, 44.4970** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **143.8880, -30.6650, -44.4970**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8350, 33.0030, 46.1790**, and **70.0410, 29.4270, 44.9070** is the 20% darker color. If you saturate the color by 10%, you get **113.2040, 36.5780, 52.9780**, and if you desaturate by 10%, it is **135.0200, 24.7520, 36.0160**.

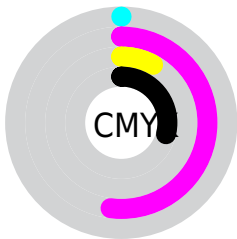
Distribution



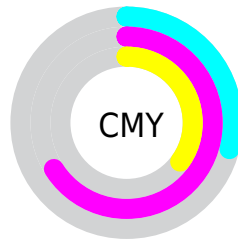
- Red (71%)
- Green (34%)
- Blue (65%)



- Red (71%)
- Yellow (34%)
- Blue (65%)



- Cyan (0%)
- Magenta (52%)
- Yellow (8%)
- Black (29%)





- Cyan (29%)
- Magenta (66%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.1120, 30.6650, 44.4970 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 124.1120, 30.6650, 44.4970 by changing the saturation by 10% instead.


 124.1120, 30.6650,
44.4970


 124.1120, 30.6650,
44.4970


255.0000, -0.0000,
-0.0000


 97.4000, 29.7940,
43.7620


 178.8350, 33.0030,
46.1790

 70.0410, 29.4270,
44.9070


 203.3610, 25.5300,
43.9460

 39.7470, 30.4350,
48.6670


 220.3670, 16.2250,
30.8570

 29.2370, 22.6430,
35.6910

 236.8030, 8.5250,
16.2130

 19.8520, 15.9970,
23.9730

254.4130, 0.2750,
0.5230

 6.8790, 2.1990,
9.7110

 0.0000, 0.0000,

0.0000

■ 124.1120, 30.6650,
44.4970

■ 124.1120, 30.6650,
44.4970

■ 113.2040, 36.5780,
52.9780

■ 135.0200, 24.7520,
36.0160

■ 102.2960, 42.4910,
61.4590

■ 145.9280, 18.8390,
27.5350

■ 91.3880, 48.4040,
69.9400

■ 156.8360, 12.9260,
19.0540

■ 80.4800, 54.3170,
78.4210

■ 167.7440, 7.0130,
10.5730

■ 71.4470, 59.0840,
85.6440

■ 179.1250, 1.1460,
1.2580

■ 190.0330, -4.7670,
-7.2230

■ 200.9410,
-10.6800, -15.7040

■ 211.8490,
-16.5930, -24.1850

■ 222.7570,
-22.5060, -32.6660

Harmonies

Analogous

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



124.2830, -18.5290, 32.9510



124.1120, 30.6650, 44.4970



119.5870, 62.7600, 41.0320

Triad

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



124.1120, 30.6650, 44.4970



114.6250, 48.1470, -30.0690



103.4350, -94.2160, -21.6080

Complementary

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



124.1120, 30.6650, 44.4970



143.8880, -30.6650, -44.4970

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.



98.6640, -79.4040, -36.7480



124.1120, 30.6650, 44.4970



110.0530, 8.5350, -39.0570

Square

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



124.1120, 30.6650, 44.4970



118.0860, 66.8030, -4.7250



91.4310, -63.1710, -50.1070



104.2620, -103.4340, -8.7300

Rectangle

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



124.1120, 30.6650, 44.4970



117.8140, 71.8860, 29.8220



91.4310, -63.1710, -50.1070



102.3120, -89.6760, -26.7960

Sweetspot

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



124.1120, 30.6650, 44.4970



212.0100, 12.3760, 18.0080



101.9020, -21.8300, 32.2020



103.7440, 7.0130, 10.5730



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



124.1120, 30.6650, 44.4970



146.5620, 47.8540, 68.8940



118.8680, 45.4310, 30.1910



86.4890, 3.1170, 4.0850



61.5780, 50.9250, 73.8130



11.1080, 8.9840, 13.4000

Inverse Universe

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



124.1120, 30.6650, 44.4970



146.5620, 47.8540, 68.8940



149.1320, -45.4310, -30.1910



86.4890, 3.1170, 4.0850



61.5780, 50.9250, 73.8130



11.1080, 8.9840, 13.4000

Previews

White Background



This preview shows how the YIQ color 124.1120, 30.6650, 44.4970 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 124.1120, 30.6650, 44.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

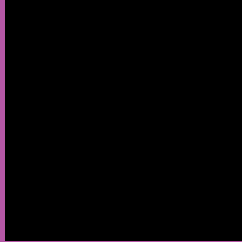
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.1120, 30.6650, 44.4970

Background



This preview shows how black text looks on a background with the YIQ color 124.1120, 30.6650, 44.4970.



This preview shows how white text looks on a background with the YIQ color 124.1120, 30.6650,

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

124.1120, 30.6650, 44.4970

Protanopia

120.8470, -38.3330, 17.4030

Deuteranopia

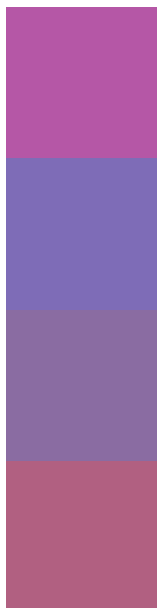
122.7660, -16.4160, 11.1680



Tritanopia

123.9240, 41.8570, 17.8650

Trichromacy



Original Color

124.1120, 30.6650, 44.4970

Protanomaly

121.9320, -13.3470, 27.1410

Deuteranomaly

123.1260, 0.5460, 23.1540

Tritanomaly

123.9810, 37.6830, 27.4350

Monochromacy



Original Color

124.1120, 30.6650, 44.4970

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.3580, 11.2760, 15.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.1120, 30.6650, 44.4970 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(181, 87, 166)` looks like.

```
.text, #text, p{  
    color:rgb(181, 87, 166)  
}
```

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(181, 87, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 87, 166) }
```

Border

The CSS property to change the border of an element to YIQ 124.1120, 30.6650, 44.4970 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(181, 87, 166) }
```


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

```
.border{ border-color:rgb(181, 87, 166) }
```

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

Here you see how a box with a 4 pixel rgb(181, 87, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 87, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 87, 166);  
box-shadow:4px 4px 4px 4px rgb(181, 87,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 124.1120, 30.6650, 44.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 87, 166) }
```

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

```
.background{ background-color: rgb(181, 87,  
166) }
```

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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