

Converting Colors

YIQ(121.1440, 27.6390, 44.2710)

Have a look what the booklet for
YIQ(121.1440, 27.6390, 44.2710)
contains.

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Color

**YIQ(121.1440, 27.6390,
44.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	AF55A6
RGB	175, 85, 166
RGB Percent	69%, 33%, 65%
CMY	0.3135, 0.6668, 0.3490
CMYK	0.00, 0.51, 0.05, 0.31
HSL	306°, 36%, 51%
HSV	306°, 51%, 69%
XYZ	27.8239, 18.3665, 38.1608
YIQ	121.1440, 27.6390, 44.2710

Conversions

Conversions Part 2

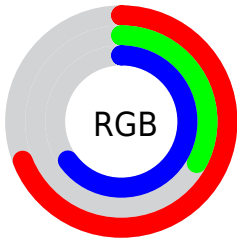
Format	Color
R_{YB}	175, 85, 166
Decimal	11490726
CIE _{Lab}	49.94, 47.78, -27.32
CIE _{LCh}	50, 55.041, 330.236
Yxy	18.3665, 0.3299, 0.2177
Android (android.graphics.Color)	4289680806 (0xFFAF55A6)
YUV	121.1440, 22.1140, 47.2317
Hunter-Lab	42.8561, 40.8912, -22.7949

Details

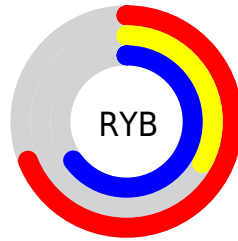
The YIQ color $121.1440, 27.6390, 44.2710$ is a dark color, and the websafe version is hex $CC66CC$. A complement of this color would be $138.8560, -27.6390, -44.2710$, and the grayscale version is $121.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $175.5680, 29.3810, 45.7410$, and $67.0730, 26.4010, 44.6810$ is the 20% darker color. If you saturate the color by 10%, you get $110.3500, 33.2310, 53.0630$, and if you desaturate by 10%, it is $131.3510, 22.3220, 36.0020$.

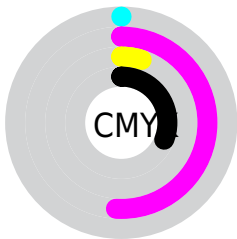
Distribution



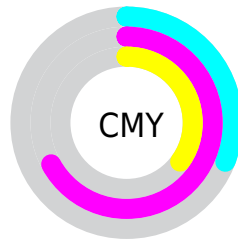
- Red (69%)
- Green (33%)
- Blue (65%)



- Red (69%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (5%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.1440, 27.6390, 44.2710 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 121.1440, 27.6390, 44.2710 by changing the saturation by 10% instead.

121.1440, 27.6390,
44.2710

121.1440, 27.6390,
44.2710

255.0000, -0.0000,
-0.0000

94.4320, 26.7680,
43.5360

175.5680, 29.3810,
45.7410

67.0730, 26.4010,
44.6810

201.6000, 26.3550,
45.5150

38.2520, 27.4550,
47.6070

218.6060, 17.0500,
32.4260

27.7420, 19.6630,
34.6310

235.6290, 9.0750,
17.2590

18.6560, 13.6130,
23.1250

252.6520, 1.1000,
2.0920

2.3940, -6.7410,
6.5310

0.0000, 0.0000,

0.0000

■ 121.1440, 27.6390,
44.2710

■ 121.1440, 27.6390,
44.2710

■ 110.3500, 33.2310,
53.0630

■ 131.3510, 22.3220,
36.0020

■ 100.1430, 38.5480,
61.3320

■ 142.1450, 16.7300,
27.2100

■ 89.4630, 43.8190,
70.4350

■ 152.2380, 11.7340,
18.6300

■ 79.2560, 49.1360,
78.7040

■ 163.0320, 6.1420,
9.8380

■ 70.2230, 53.9030,
85.9270

■ 173.8260, 0.5500,
1.0460

■ 184.0330, -4.7670,
-7.2230

■ 194.7130,
-10.0380, -16.3260

■ 204.9200,
-15.3550, -24.5950

■ 215.7140,
-20.9470, -33.3870

Harmonies

Analogous

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



120.3040, -23.0220, 31.7780



121.1440, 27.6390, 44.2710



115.7440, 60.8800, 42.0640

Triad

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



121.1440, 27.6390, 44.2710



111.2940, 50.5770, -30.0550



100.9900, -91.4650, -21.9050

Complementary

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



121.1440, 27.6390, 44.2710



138.8560, -27.6390, -44.2710

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.



95.6320, -76.3780, -36.5220



121.1440, 27.6390, 44.2710



107.9070, 11.8820, -39.1420

Square

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



121.1440, 27.6390, 44.2710



114.7380, 67.9030, -2.6330



88.3990, -60.1450, -49.8810



102.0450, -101.3250, -8.4050

Rectangle

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



121.1440, 27.6390, 44.2710



114.5690, 71.1980, 31.2780



88.3990, -60.1450, -49.8810



99.8670, -86.9250, -27.0930

Sweetspot

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



121.1440, 27.6390, 44.2710



206.7000, 10.3130, 16.8490



97.9510, -23.5260, 29.8980



102.4450, 6.4170, 10.3610



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.



121.1440, 27.6390, 44.2710



142.6370, 43.2690, 69.3890



116.0140, 42.0840, 30.2760



81.6030, 2.7960, 4.3960



60.2400, 46.0650, 73.7850



9.2710, 6.9670, 11.4070

Inverse Universe

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



121.1440, 27.6390, 44.2710



142.6370, 43.2690, 69.3890



143.9860, -42.0840, -30.2760



81.6030, 2.7960, 4.3960



60.2400, 46.0650, 73.7850



9.2710, 6.9670, 11.4070

Previews

White Background



This preview shows how the YIQ color 121.1440, 27.6390, 44.2710 looks on a white background.

Color Contrast Check

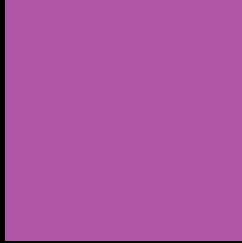
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1440, 27.6390, 44.2710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

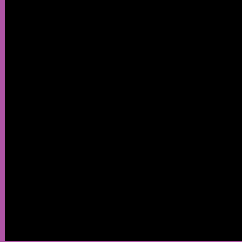
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.1440, 27.6390, 44.2710

Background



This preview shows how black text looks on a background with the YIQ color 121.1440, 27.6390, 44.2710.



This preview shows how white text looks on a background with the YIQ color 121.1440, 27.6390,

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

121.1440, 27.6390, 44.2710

Protanopia

117.4770, -40.1670, 17.6010

Deuteranopia

119.7980, -19.4420, 10.9420



Tritanopia

120.5430, 38.5560, 17.1160

Trichromacy



Original Color

121.1440, 27.6390, 44.2710

Protanomaly

118.6760, -15.5020, 27.6500

Deuteranomaly

120.1580, -2.4800, 22.9280

Tritanomaly

120.8990, 34.9780, 26.8980

Monochromacy



Original Color

121.1440, 27.6390, 44.2710

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

121.1730, 10.3590, 16.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.1440, 27.6390, 44.2710 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(175, 85, 166)` looks like.

```
.text, #text, p{  
    color:rgb(175, 85, 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(175, 85, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 85, 166) }
```

Border

The CSS property to change the border of an element to YIQ 121.1440, 27.6390, 44.2710 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(175, 85, 166) }
```


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

```
.border{ border-color:rgb(175, 85, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 85, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 85, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 85, 166);  
box-shadow:4px 4px 4px 4px rgb(175, 85,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 121.1440, 27.6390, 44.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 85, 166) }
```

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

```
.background{ background-color: rgb(175, 85,  
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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