

Converting Colors

YIQ(88.9910, 5.3600, 24.0160)

Have a look what the booklet for
YIQ(88.9910, 5.3600, 24.0160)
contains.

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Color

**YIQ(88.9910, 5.3600,
24.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	6D487C
RGB	109, 72, 124
RGB Percent	43%, 28%, 49%
CMY	0.5724, 0.7177, 0.5137
CMYK	0.12, 0.42, 0.00, 0.51
HSL	283°, 27%, 38%
HSV	283°, 42%, 49%
XYZ	12.2646, 9.3410, 20.2238
YIQ	88.9910, 5.3600, 24.0160

Conversions

Conversions Part 2

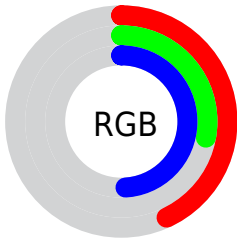
Format	Color
R_{YB}	109, 72, 124
Decimal	7161980
CIE _{Lab}	36.63, 25.80, -23.37
CIE _{LCh}	37, 34.806, 317.832
Yxy	9.3410, 0.2932, 0.2233
Android (android.graphics.Color)	4285352060 (0xFF6D487C)
YUV	88.9910, 17.2594, 17.5479
Hunter-Lab	30.5631, 18.1446, -17.8384




Details

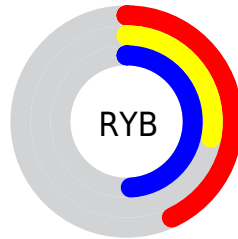
The YIQ color **88.9910, 5.3600, 24.0160** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.0090, -5.3600, -24.0160**, and the grayscale version is **89.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **139.3440, 5.8640, 25.8960**, and **42.3390, 4.2600, 21.9240** is the 20% darker color. If you saturate the color by 10%, you get **80.7510, 6.2760, 29.4440**, and if you desaturate by 10%, it is **97.2310, 4.4440, 18.5880**.

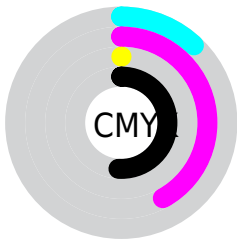
Distribution







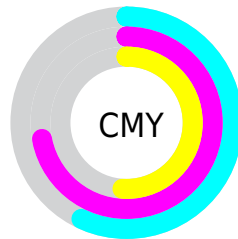
-  Red (43%)
-  Green (28%)
-  Blue (49%)






-  Red (43%)
-  Yellow (28%)
-  Blue (49%)



-  Cyan (12%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (57%)
-  Magenta (72%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.9910, 5.3600, 24.0160 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 88.9910, 5.3600, 24.0160 by changing the saturation by 10% instead.

■ 88.9910, 5.3600,
24.0160

■ 88.9910, 5.3600,
24.0160

■ 255.0000, -0.0000,
-0.0000

■ 65.1650, 4.8100,
22.9700

■ 139.3440, 5.8640,
25.8960

■ 41.7520, 4.5350,
22.4470

■ 166.0560, 6.7350,
26.6310

■ 19.3390, 4.2600,
21.9240

■ 193.5830, 6.6890,
27.4650

■ 6.2250, -4.5870,
11.5490

■ 221.1980, 9.2110,
25.8110

■ 0.1140, -0.3210,
0.3110

■ 240.3250, 6.8750,
13.0750

■ 0.0000, 0.0000,
0.0000

■ 88.9910, 5.3600,
24.0160

■ 88.9910, 5.3600,
24.0160

■ 80.7510, 6.2760,
29.4440

■ 97.2310, 4.4440,
18.5880

■ 72.2230, 8.0630,
35.6070

■ 105.7590, 2.6570,
12.4250

■ 63.9830, 8.9790,
41.0350

■ 113.9990, 1.7410,
6.9970

■ 55.4550, 10.7660,
47.1980

■ 122.5270, -0.0460,
0.8340

■ 47.2150, 11.6820,
52.6260

■ 130.7670, -0.9620,
-4.5940

■ 40.4480, 12.6440,
57.2200

■ 138.7080, -2.4740,
-10.2340

■ 147.5350, -3.6650,
-16.1850

■ 155.7750, -4.5810,

-21.6130

■ 164.3030, -6.3680,
-27.7760

Harmonies

Analogous

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



84.8990, -26.9160, 14.2360



88.9910, 5.3600, 24.0160



87.7350, 29.5680, 25.8240

Triad

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



88.9910, 5.3600, 24.0160



84.4550, 34.8470, -9.2890



70.3280, -60.2420, -20.5780

Complementary

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



88.9910, 5.3600, 24.0160



107.0090, -5.3600, -24.0160

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.



66.4350, -50.6580, -29.0740



88.9910, 5.3600, 24.0160



81.9640, 16.8760, -19.5080

Square

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



88.9910, 5.3600, 24.0160



85.2040, 43.4640, 5.2560



77.5570, -9.8990, -24.3550



72.0040, -67.7170, -11.7570

Rectangle

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



88.9910, 5.3600, 24.0160



86.1890, 39.7930, 22.2330



77.5570, -9.8990, -24.3550



69.3020, -57.3530, -23.3770

Sweetspot

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



88.9910, 5.3600, 24.0160



146.8790, 2.1990, 9.7110



87.3200, -21.0920, 7.8040



73.1730, 1.1910, 5.9510



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



88.9910, 5.3600, 24.0160



106.5760, 8.5670, 37.4870



92.3360, 17.5100, 24.0860



56.8800, 0.4580, 2.7140



40.8610, 12.9190, 57.7430



82.5480, 26.3880, 116.5320

Inverse Universe

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



89.2580, 26.1770, 15.6890



106.8410, 40.8930, 24.3250



103.6640, -17.5100, -24.0860



57.0220, 2.9340, 1.8940



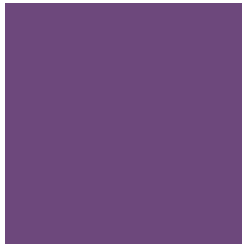
41.4790, 62.9440, 37.6960



83.6700, 126.7590, 76.1270

Previews

White Background



This preview shows how the YIQ color 88.9910, 5.3600, 24.0160 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 ✓ Pass

Black Background



This preview shows how the YIQ color 88.9910, 5.3600, 24.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

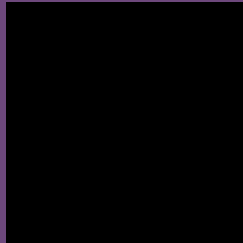
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.9910, 5.3600, 24.0160

Background



This preview shows how black text looks on a background with the YIQ color 88.9910, 5.3600, 24.0160.



This preview shows how white text looks on a background with the YIQ color 88.9910, 5.3600,

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

88.9910, 5.3600, 24.0160

Protanopia

85.6170, -26.1820, 11.9460

Deuteranopia

86.4020, -18.3870, 8.3410



Tritanopia

87.5610, 11.7820, 6.7420

Trichromacy



Original Color

88.9910, 5.3600, 24.0160

Protanomaly

86.7110, -14.5830, 16.4970

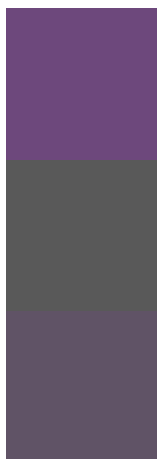
Deuteranomaly

87.4680, -9.5850, 14.0230

Tritanomaly

87.9940, 9.3050, 13.0890

Monochromacy



Original Color

88.9910, 5.3600, 24.0160

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.0530, 1.6490, 8.6650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.9910, 5.3600, 24.0160 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(109, 72, 124)` looks like.

```
.text, #text, p{  
    color:rgb(109, 72, 124)  
}
```

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(109, 72, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 72, 124) }
```

Border

The CSS property to change the border of an element to YIQ 88.9910, 5.3600, 24.0160 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(109, 72, 124) }
```


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

```
.border{ border-color:rgb(109, 72, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 72, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 72, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 72, 124);  
box-shadow:4px 4px 4px 4px rgb(109, 72,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 88.9910, 5.3600, 24.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 72, 124) }
```

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

```
.background{ background-color: rgb(109, 72,  
124) }
```

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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