

Converting Colors

YIQ(82.3920, 5.9090, 30.5890)

Have a look what the booklet for
YIQ(82.3920, 5.9090, 30.5890)
contains.

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Color

**YIQ(82.3920, 5.9090,
30.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	6B3D80
RGB	107, 61, 128
RGB Percent	42%, 24%, 50%
CMY	0.5802, 0.7609, 0.4981
CMYK	0.16, 0.52, 0.00, 0.50
HSL	281°, 35%, 37%
HSV	281°, 52%, 50%
XYZ	11.6316, 8.0220, 21.3549
YIQ	82.3920, 5.9090, 30.5890

Conversions

Conversions Part 2

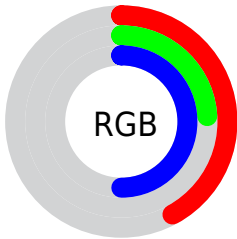
Format	Color
R _{YB}	107, 61, 128
Decimal	7028096
CIE _{Lab}	34.03, 32.60, -29.94
CIE _{LCh}	34, 44.265, 317.430
Yxy	8.0220, 0.2836, 0.1956
Android (android.graphics.Color)	4285218176 (0xFF6B3D80)
YUV	82.3920, 22.4847, 21.5812
Hunter-Lab	28.3231, 23.7401, -24.8771

Details

The YIQ color **82.3920, 5.9090, 30.5890** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **106.6080, -5.9090, -30.5890**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0440, 7.0090, 32.6810**, and **34.1530, 5.0840, 29.0200** is the 20% darker color. If you saturate the color by 10%, you get **73.5650, 7.1000, 36.5400**, and if you desaturate by 10%, it is **91.2190, 4.7180, 24.6380**.

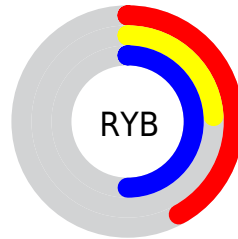
Distribution



Red (42%)

Green (24%)

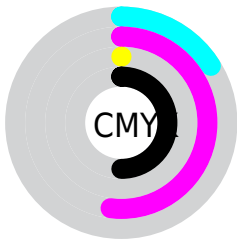
Blue (50%)



Red (42%)

Yellow (24%)

Blue (50%)

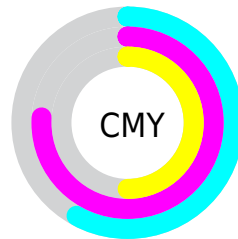


Cyan (16%)

Magenta (52%)

Yellow (0%)

Black (50%)



Cyan (58%)

Magenta (76%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.3920, 5.9090, 30.5890 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 82.3920, 5.9090, 30.5890 by changing the saturation by 10% instead.

82.3920, 5.9090,
30.5890

82.3920, 5.9090,
30.5890

255.0000, -0.0000,
-0.0000

58.5660, 5.3590,
29.5430

133.0440, 7.0090,
32.6810

34.1530, 5.0840,
29.0200

159.8700, 7.5590,
33.7270

16.7350, 3.2050,
24.5250

187.2830, 7.8340,
34.2500

3.7620, -10.5930,
10.2630

213.8550, 11.9150,
31.8750

0.6840, -1.9260,
1.8660

233.2810, 10.1750,
19.3510

0.0000, 0.0000,
0.0000

250.3040, 2.2000,

4.1840

■ 82.3920, 5.9090,
30.5890

■ 82.3920, 5.9090,
30.5890

■ 73.5650, 7.1000,
36.5400

■ 91.2190, 4.7180,
24.6380

■ 64.7380, 8.2910,
42.4910

■ 100.0460, 3.5270,
18.6870

■ 56.4980, 9.2070,
47.9190

■ 108.2860, 2.6110,
13.2590

■ 47.6710, 10.3980,
53.8700

■ 117.1130, 1.4200,
7.3080

■ 40.9040, 11.3600,
58.4640

■ 125.9400, 0.2290,
1.3570

■ 134.7670, -0.9620,
-4.5940

■ 143.5940, -2.1530,
-10.5450

■ 151.8340, -3.0690,
-15.9730

■ 160.6610, -4.2600,
-21.9240

Harmonies

Analogous

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



76.0100, -40.3500, 15.4100



82.3920, 5.9090, 30.5890



78.3110, 36.9940, 34.4180

Triad

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



82.3920, 5.9090, 30.5890



75.4420, 44.8890, -15.0710



67.7520, -58.5000, -19.1080

Complementary

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



82.3920, 5.9090, 30.5890



106.6080, -5.9090, -30.5890

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.



63.0610, -46.6690, -29.7810



82.3920, 5.9090, 30.5890



72.9180, 22.5170, -28.1310

Square

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



82.3920, 5.9090, 30.5890



76.8200, 53.4130, 6.6690



67.3620, -14.0240, -32.2000



70.1120, -67.9010, -8.4210

Rectangle

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



82.3920, 5.9090, 30.5890



76.0210, 49.3740, 30.3180



67.3620, -14.0240, -32.2000



66.3840, -54.6480, -22.8400

Sweetspot

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



82.3920, 5.9090, 30.5890



147.4600, 2.0610, 12.2130



80.9650, -27.2820, 9.8540



73.1130, 1.4200, 7.3080



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



82.3920, 5.9090, 30.5890



94.4980, 9.2070, 47.9190



87.3030, 22.2770, 31.3090



59.2930, 0.7330, 3.2370



40.9040, 11.3600, 58.4640



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.4270, 33.1910, 20.7350



96.1570, 51.9870, 32.5230



101.6970, -22.2770, -31.3090



59.3210, 3.5300, 2.1060



42.8320, 63.4480, 39.5760



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 82.3920, 5.9090, 30.5890 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 82.3920, 5.9090, 30.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

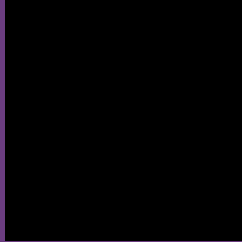
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.3920, 5.9090, 30.5890

Background



This preview shows how black text looks on a background with the YIQ color 82.3920, 5.9090, 30.5890.



This preview shows how white text looks on a background with the YIQ color 82.3920, 5.9090,

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

82.3920, 5.9090, 30.5890

Protanopia

76.8530, -38.4700, 14.3780

Deuteranopia

78.4380, -27.2360, 9.0200



Tritanopia

81.7570, 14.1660, 7.5900

Trichromacy



Original Color

82.3920, 5.9090, 30.5890

Protanomaly

78.9260, -22.3780, 20.1020

Deuteranomaly

79.8250, -14.9040, 16.8080

Tritanomaly

82.3580, 11.2760, 15.9160

Monochromacy



Original Color

82.3920, 5.9090, 30.5890

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9330, 2.1070, 11.3790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.3920, 5.9090, 30.5890 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(107, 61, 128)` looks like.

```
.text, #text, p{  
    color:rgb(107, 61, 128)  
}
```

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(107, 61, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 61, 128) }
```

Border

The CSS property to change the border of an element to YIQ 82.3920, 5.9090, 30.5890 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(107, 61, 128) }
```


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

```
.border{ border-color:rgb(107, 61, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 61, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 61, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 61, 128);  
box-shadow:4px 4px 4px 4px rgb(107, 61,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 82.3920, 5.9090, 30.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 61, 128) }
```

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

```
.background{ background-color: rgb(107, 61,  
128) }
```

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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