

Converting Colors

YIQ(82.7340, -4.2220, 21.4580)

Have a look what the booklet for
YIQ(82.7340, -4.2220, 21.4580)
contains.

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Color

**YIQ(82.7340, -4.2220,
21.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	5C467C
RGB	92, 70, 124
RGB Percent	36%, 27%, 49%
CMY	0.6391, 0.7255, 0.5138
CMYK	0.26, 0.44, 0.00, 0.51
HSL	264°, 28%, 38%
HSV	264°, 44%, 49%
XYZ	10.2426, 8.1105, 20.0895
YIQ	82.7340, -4.2220, 21.4580

Conversions

Conversions Part 2

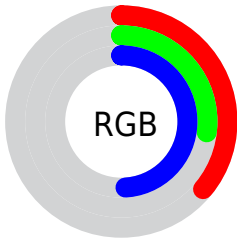
Format	Color
RYB	92, 70, 124
Decimal	6047356
CIELab	34.21, 21.51, -27.29
CIELCh	34, 34.742, 308.243
Yxy	8.1105, 0.2664, 0.2110
Android (android.graphics.Color)	4284237436 (0xFF5C467C)
YUV	82.7340, 20.3441, 8.1263
Hunter-Lab	28.4789, 14.3602, -21.8889

Details

The YIQ color **82.7340, -4.2220, 21.4580** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **111.2660, 4.2220, -21.4580**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7880, -4.3140, 23.1260**, and **36.9680, -5.0010, 19.0550** is the 20% darker color. If you saturate the color by 10%, you get **73.5970, -5.0940, 26.2500**, and if you desaturate by 10%, it is **91.8710, -3.3500, 16.6660**.

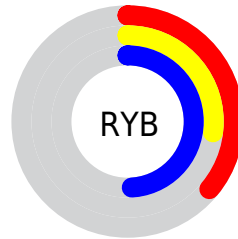
Distribution



Red (36%)

Green (27%)

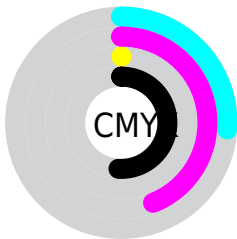
Blue (49%)



Red (36%)

Yellow (27%)

Blue (49%)

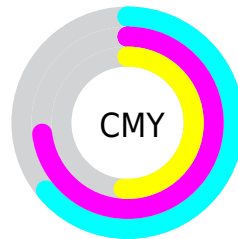


Cyan (26%)

Magenta (44%)

Yellow (0%)

Black (51%)



Cyan (64%)

Magenta (73%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.7340, -4.2220, 21.4580 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 82.7340, -4.2220, 21.4580 by changing the saturation by 10% instead.

■ 82.7340, -4.2220,
21.4580

■ 82.7340, -4.2220,
21.4580

■ 255.0000, -0.0000,
-0.0000

■ 59.2070, -4.1760,
20.6240

■ 133.0870, -3.7180,
23.3380

■ 36.9680, -5.0010,
19.0550

■ 158.6140, -3.7640,
24.1720

■ 13.6800, -4.1300,
19.7900

■ 186.1410, -3.8100,
25.0060

■ 4.5940, -10.1800,
8.2840

■ 212.8700, -1.6090,
23.6630

■ 0.0000, 0.0000,
0.0000

■ 238.5640, 7.7000,
14.6440

82.7340, -4.2220,
21.4580

82.7340, -4.2220,
21.4580

73.5970, -5.0940,
26.2500

91.8710, -3.3500,
16.6660

63.5740, -6.2870,
31.3530

101.8940, -2.1570,
11.5630

54.4370, -7.1590,
36.1450

111.0310, -1.2850,
6.7710

44.7130, -7.7560,
41.4600

120.7550, -0.6880,
1.4560

35.2770, -9.2240,
46.0400

130.1910, 0.7800,
-3.1240

29.3850, -9.4080,
49.3760

139.3280, 1.6520,
-7.9160

149.0520, 2.2490,
-13.2310

158.4880, 3.7170,

-17.8110

■ 168.2120, 4.3140,
-23.1260

Harmonies

Analogous

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



75.4950, -40.5780, 8.5260



82.7340, -4.2220, 21.4580



82.0270, 22.8740, 25.9940

Triad

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



82.7340, -4.2220, 21.4580



78.9440, 37.9640, -5.2040



65.0960, -53.7770, -22.1050

Complementary

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



82.7340, -4.2220, 21.4580



111.2660, 4.2220, -21.4580

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.



63.4100, -40.3420, -28.8060



82.7340, -4.2220, 21.4580



76.3670, 23.1110, -16.8650

Square

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



82.7340, -4.2220, 21.4580



79.2520, 43.5090, 9.9490



73.8740, -0.5460, -23.1540



67.5870, -62.1690, -13.1850

Rectangle

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



82.7340, -4.2220, 21.4580



80.9050, 34.8410, 23.8730



73.8740, -0.5460, -23.1540



64.0700, -50.8880, -24.9040

Sweetspot

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



82.7340, -4.2220, 21.4580



144.7860, -1.9730, 8.2270



94.9400, -26.1340, 0.0580



71.9770, -1.1930, 5.1030



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.



82.7340, -4.2220, 21.4580



96.7420, -6.7000, 33.3320



90.8070, 11.8700, 27.1820



56.5810, -0.1380, 2.5020



29.4990, -9.7290, 49.6870



59.5250, -19.5040, 100.2080

Inverse Universe

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



89.7940, 21.9120, 21.4000



107.8160, 34.0140, 33.3580



103.1930, -11.8700, -27.1820



57.2500, 2.2920, 2.5160



45.8110, 50.7460, 49.5140



92.3340, 102.3630, 99.7630

Previews

White Background



This preview shows how the YIQ color 82.7340, -4.2220, 21.4580 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 82.7340, -4.2220, 21.4580 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 82.7340, -4.2220, 21.4580

Background



This preview shows how black text looks on a background with the YIQ color 82.7340, -4.2220, 21.4580.



This preview shows how white text looks on a background with the YIQ color 82.7340, -4.2220,

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

82.7340, -4.2220, 21.4580

Protanopia

79.0620, -28.9330, 12.2430

Deuteranopia

79.1070, -24.8060, 9.0340



Tritanopia

81.4780, 1.6500, 3.1380

Trichromacy



Original Color

82.7340, -4.2220, 21.4580

Protanomaly

80.5470, -19.9930, 15.4230

Deuteranomaly

80.1620, -17.4710, 13.7690

Tritanomaly

82.2100, -0.2310, 9.6970

Monochromacy



Original Color

82.7340, -4.2220, 21.4580

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.6720, -1.6520, 7.9160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.7340, -4.2220, 21.4580 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(92, 70, 124)` looks like.

```
.text, #text, p{  
    color:rgb(92, 70, 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(92, 70, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 70, 124) }
```

Border

The CSS property to change the border of an element to YIQ 82.7340, -4.2220, 21.4580 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(92, 70, 124) }
```


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

```
.border{ border-color:rgb(92, 70, 124) }
```

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

Here you see how a box with a 4 pixel rgb(92, 70, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 70, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 70, 124);  
box-shadow:4px 4px 4px 4px rgb(92, 70,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 82.7340, -4.2220, 21.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 70, 124) }
```

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

```
.background{ background-color: rgb(92, 70,  
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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