

Converting Colors

YIQ(142.7440, 70.0480, 52.1280)

Have a look what the booklet for
YIQ(142.7440, 70.0480, 52.1280)
contains.

YIQ(142.7440, 70.0480, 52.1280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(142.7440, 70.0480,
52.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	F25A9A
RGB	242, 90, 154
RGB Percent	95%, 35%, 60%
CMY	0.0506, 0.6473, 0.3958
CMYK	0.00, 0.63, 0.36, 0.05
HSL	335°, 86%, 65%
HSV	335°, 63%, 95%
XYZ	46.1415, 28.5320, 33.6726
YIQ	142.7440, 70.0480, 52.1280

Conversions

Conversions Part 2

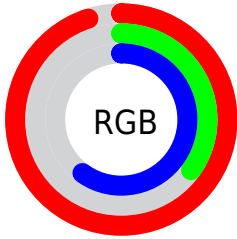
Format	Color
R _Y B	242, 90, 154
Decimal	15882906
CIE Lab	60.37, 63.80, -3.58
CIE LCh	60, 63.901, 356.785
Yxy	28.5320, 0.4259, 0.2633
Android (android.graphics.Color)	4294072986 (0xFFFF25A9A)
YUV	142.7440, 5.5492, 87.0475
Hunter-Lab	53.4153, 60.7158, 0.0148

Details

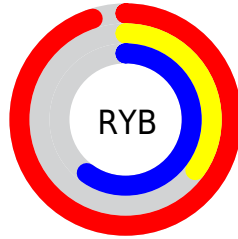
The YIQ color **142.7440, 70.0480, 52.1280** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **189.2560, -70.0480, -52.1280**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **186.2460, 44.7870, 41.8670**, and **79.6610, 69.0840, 58.5880** is the 20% darker color. If you saturate the color by 10%, you get **127.0600, 81.1420, 60.3260**, and if you desaturate by 10%, it is **158.4280, 58.9540, 43.9300**.

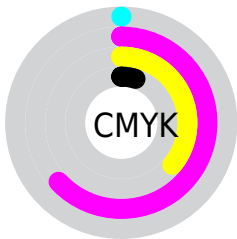
Distribution



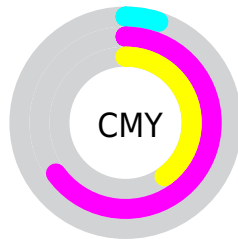
- Red (95%)
- Green (35%)
- Blue (60%)



- Red (95%)
- Yellow (35%)
- Blue (60%)



- Cyan (0%)
- Magenta (63%)
- Yellow (36%)
- Black (5%)



- Cyan (5%)
- Magenta (65%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.7440, 70.0480, 52.1280 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 142.7440, 70.0480, 52.1280 by changing the saturation by 10% instead.


 142.7440, 70.0480,
52.1280


 142.7440, 70.0480,
52.1280


255.0000, -0.0000,
-0.0000

 113.2000, 68.7640,
53.3720


 186.2460, 44.7870,
41.8670

 79.6610, 69.0840,
58.5880


 206.5750, 27.5030,
35.7190


 54.4540, 65.2330,
56.7930

 225.6500, 13.7500,
26.1500

 43.1610, 55.3320,
43.4920

 242.6730, 5.7750,
10.9830

 32.0960, 44.7890,
30.8130

 21.8140, 36.3550,
18.4590

 10.8780, 21.1350,

7.9430

■ 0.0000, 0.0000,
0.0000

■ 142.7440, 70.0480,
52.1280

■ 142.7440, 70.0480,
52.1280

■ 127.0600, 81.1420,
60.3260

■ 158.4280, 58.9540,
43.9300

■ 111.3760, 92.2360,
68.5240

■ 174.1120, 47.8600,
35.7320

■ 95.1050, 103.6050,
77.2450

■ 190.3830, 36.4910,
27.0110

■ 83.9860, 111.4900,
83.0260

■ 206.0670, 25.3970,
18.8130

■ 221.7510, 14.3030,
10.6150

■ 237.4350, 3.2090,
2.4170

■ 250.7710, -6.7850,
-3.6890

■ 251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



149.3000, 27.5000, 52.3000



142.7440, 70.0480, 52.1280



140.4800, 87.5660, 31.9980

Triad

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



142.7440, 70.0480, 52.1280



132.6550, 21.0990, -46.4930



124.6880, -122.3690, -12.4890

Complementary

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



142.7440, 70.0480, 52.1280



189.2560, -70.0480, -52.1280

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.



123.1940, -109.8950, -29.3110



142.7440, 70.0480, 52.1280



117.6140, -50.7450, -55.0410

Square

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



142.7440, 70.0480, 52.1280



137.2000, 65.3410, -33.3070



115.9950, -91.0020, -46.8260



119.4680, -124.2050, -1.2370

Rectangle

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



142.7440, 70.0480, 52.1280



141.0490, 86.5610, 11.6570



115.9950, -91.0020, -46.8260



125.0810, -119.3420, -17.7900

Sweetspot

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



142.7440, 70.0480, 52.1280



223.6320, 22.1880, 16.3960



133.0420, 2.4640, 65.5040



108.4520, 13.7070, 10.4030



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



142.7440, 70.0480, 52.1280



130.2290, 88.1560, 65.3720



141.3180, 87.8420, 26.9940



112.1580, 5.5470, 4.0990



63.7940, 84.9470, 62.9550



19.4800, 25.6720, 19.3360

Inverse Universe

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



142.7440, 70.0480, 52.1280



130.2290, 88.1560, 65.3720



190.6820, -87.8420, -26.9940



112.1580, 5.5470, 4.0990



63.7940, 84.9470, 62.9550



19.4800, 25.6720, 19.3360

Previews

White Background



This preview shows how the YIQ color 142.7440, 70.0480, 52.1280 looks on a white background.

Color Contrast Check

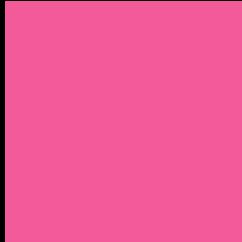
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.7440, 70.0480, 52.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

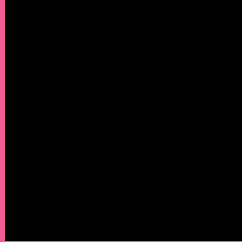
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.7440, 70.0480, 52.1280

Background



This preview shows how black text looks on a background with the YIQ color 142.7440, 70.0480, 52.1280.



This preview shows how white text looks on a background with the YIQ color 142.7440, 70.0480,

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

142.7440, 70.0480, 52.1280

Protanopia

146.1400, -20.4050, 11.8750

Deuteranopia

147.2510, 9.7190, 5.5830



Tritanopia

142.3590, 80.5970, 31.6450

Trichromacy



Original Color

142.7440, 70.0480, 52.1280



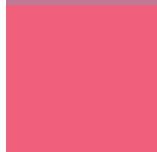
Protanomaly

144.5790, 12.5120, 26.5600



Deuteranomaly

145.4100, 31.8610, 22.8130



Tritanomaly

142.2480, 76.8360, 39.2360

Monochromacy



Original Color

142.7440, 70.0480, 52.1280



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

143.0670, 25.3970, 18.8130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.7440, 70.0480, 52.1280 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(242, 90, 154)` looks like.

```
.text, #text, p{  
    color:rgb(242, 90, 154)  
}
```

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(242, 90, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 90, 154) }
```

Border

The CSS property to change the border of an element to YIQ 142.7440, 70.0480, 52.1280 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(242, 90, 154) }
```


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

```
.border{ border-color:rgb(242, 90, 154) }
```

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

Here you see how a box with a 4 pixel rgb(242, 90, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 90, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 90, 154);  
box-shadow:4px 4px 4px 4px rgb(242, 90,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 142.7440, 70.0480, 52.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 90, 154) }
```

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

```
.background{ background-color: rgb(242, 90,  
154) }
```

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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