

Converting Colors

YIQ(190.7480, 45.8890, 32.9050)

Have a look what the booklet for
YIQ(190.7480, 45.8890, 32.9050)
contains.

YIQ(190.7480, 45.8890, 32.9050)	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(190.7480, 45.8890,
32.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DC4
RGB	255, 157, 196
RGB Percent	100%, 62%, 77%
CMY	0.0000, 0.3844, 0.2312
CMYK	0.00, 0.38, 0.23, 0.00
HSL	336°, 100%, 81%
HSV	336°, 38%, 100%
XYZ	63.2582, 49.3473, 58.4386
YIQ	190.7480, 45.8890, 32.9050

Conversions

Conversions Part 2

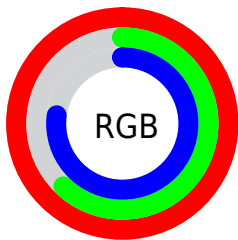
Format	Color
R _Y B	255, 157, 196
Decimal	16752068
CIE Lab	75.67, 41.43, -4.49
CIE LCh	76, 41.672, 353.818
Yxy	49.3473, 0.3698, 0.2885
Android (android.graphics.Color)	4294942148 (0xFFFF9DC4)
YUV	190.7480, 2.5892, 56.3490
Hunter-Lab	70.2477, 37.8064, -0.1496

Details

The YIQ color **190.7480, 45.8890, 32.9050** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **221.2520, -45.8890, -32.9050**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.1180, 12.1920, 21.3440**, and **135.8400, 42.6340, 31.3220** is the 20% darker color. If you saturate the color by 10%, you get **173.7760, 57.8540, 41.8380**, and if you desaturate by 10%, it is **207.1330, 34.1990, 24.4950**.

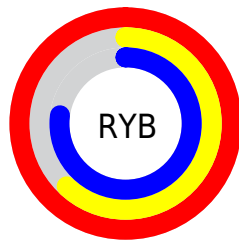
Distribution



Red (100%)

Green (62%)

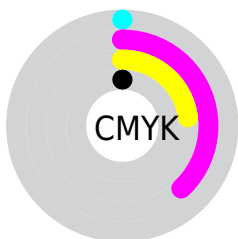
Blue (77%)



Red (100%)

Yellow (62%)

Blue (77%)

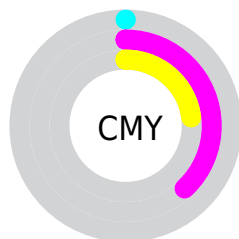


Cyan (0%)

Magenta (38%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.7480, 45.8890, 32.9050 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 190.7480, 45.8890, 32.9050 by changing the saturation by 10% instead.

 190.7480, 45.8890,
32.9050

 190.7480, 45.8890,
32.9050


255.0000, -0.0000,
-0.0000


 162.8510, 44.1010,
32.2690


 230.1180, 12.1920,
21.3440


 135.8400, 42.6340,
31.3220

 247.3690, 3.5750,
6.7990

 109.3560, 41.1210,
31.2090

 82.8720, 39.6080,
31.0960

 56.3280, 38.3240,
32.3400

 31.0720, 36.1690,
32.8490

 20.9040, 27.4140,

20.8060

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 190.7480, 45.8890,
32.9050

■ 190.7480, 45.8890,
32.9050

■ 173.7760, 57.8540,
41.8380

■ 207.1330, 34.1990,
24.4950

■ 157.2770, 69.8650,
49.9370

■ 224.2190, 21.9130,
15.8730

■ 140.3050, 81.8300,
58.8700

■ 240.6040, 10.2230,
7.4630

■ 123.9200, 93.5200,
67.2800

■ 255.0000, -0.0000,
-0.0000

■ 106.8340,
105.8060, 75.9020

■ 90.4490, 117.4960,
84.3120

■ 87.8730, 119.2380,
85.7820

Harmonies

Analogous

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



191.7630, 15.1700, 33.4580



190.7480, 45.8890, 32.9050



186.8890, 58.1330, 20.2530

Triad

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



190.7480, 45.8890, 32.9050



180.8080, 17.0150, -27.5370



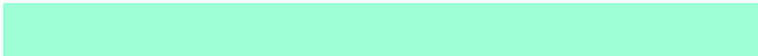
157.1970, -113.9770, -21.4090

Complementary

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



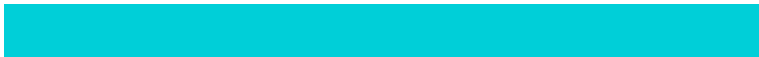
190.7480, 45.8890, 32.9050



221.2520, -45.8890, -32.9050

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.



146.1330, -126.2610, -41.0850



190.7480, 45.8890, 32.9050



174.8990, -20.0300, -33.4860

Square

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



190.7480, 45.8890, 32.9050



184.2680, 45.4390, -14.0250



165.9170, -63.9990, -35.0950



176.7460, -66.3900, 2.7460

Rectangle

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



190.7480, 45.8890, 32.9050



187.6040, 62.9490, 10.0610



165.9170, -63.9990, -35.0950



146.9940, -132.8190, -32.3630

Sweetspot

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



190.7480, 45.8890, 32.9050



234.7510, 14.3030, 10.6150



185.8130, 3.7060, 42.9860



116.1800, 8.4810, 5.9930



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.



190.7480, 45.8890, 32.9050



178.2270, 54.9660, 39.1100



192.1720, 55.6580, 15.5460



119.4570, 6.1430, 4.3110



65.7730, 89.4400, 64.1280



21.9860, 30.1190, 21.3430

Inverse Universe

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



190.7480, 45.8890, 32.9050



178.2270, 54.9660, 39.1100



219.8280, -55.6580, -15.5460



119.4570, 6.1430, 4.3110



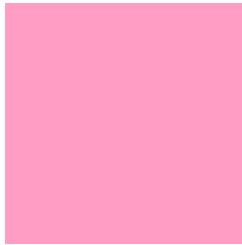
65.7730, 89.4400, 64.1280



21.9860, 30.1190, 21.3430

Previews

White Background



This preview shows how the YIQ color 190.7480, 45.8890, 32.9050 looks on a white background.

Color Contrast Check

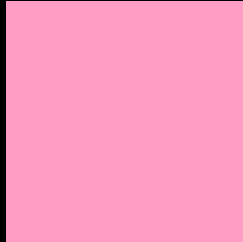
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 190.7480, 45.8890, 32.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

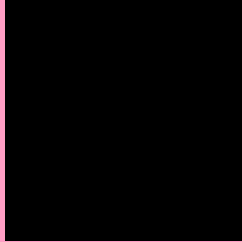
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.7480, 45.8890, 32.9050

Background



This preview shows how black text looks on a background with the YIQ color 190.7480, 45.8890, 32.9050.



This preview shows how white text looks on a background with the YIQ color 190.7480, 45.8890,

32.9050.

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

190.7480, 45.8890, 32.9050

Protanopia

187.4090, -11.0970, 8.3830

Deuteranopia

188.8320, 9.5810, 8.0850



Tritanopia

189.8760, 50.9800, 23.2360

Trichromacy



Original Color

190.7480, 45.8890, 32.9050



Protanomaly

188.8140, 9.9920, 17.1600



Deuteranomaly

189.3440, 23.0590, 17.1310



Tritanomaly

190.5000, 49.2830, 26.4590

Monochromacy



Original Color

190.7480, 45.8890, 32.9050



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

191.0610, 16.3660, 11.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.7480, 45.8890, 32.9050 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(255, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 196)  
}
```

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(255, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 196) }
```

Border

The CSS property to change the border of an element to YIQ 190.7480, 45.8890, 32.9050 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(255, 157, 196) }
```


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

```
.border{ border-color:rgb(255, 157, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 196); box-shadow:4px 4px 4px 4px rgb(255, 157, 196) }
```

Background

The CSS property to change the background color of an element to YIQ 190.7480, 45.8890, 32.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 196) }
```

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

```
.background{ background-color: rgb(255,  
157, 196) }
```

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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