

Converting Colors

YIQ(191.1070, 46.2560, 31.7600)

Have a look what the booklet for
YIQ(191.1070, 46.2560, 31.7600)
contains.

YIQ(191.1070, 46.2560, 31.7600)	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(191.1070, 46.2560,
31.7600)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9EC2
RGB	255, 158, 194
RGB Percent	100%, 62%, 76%
CMY	0.0000, 0.3805, 0.2391
CMYK	0.00, 0.38, 0.24, 0.00
HSL	338°, 100%, 81%
HSV	338°, 38%, 100%
XYZ	63.2020, 49.5967, 57.3043
YIQ	191.1070, 46.2560, 31.7600

Conversions

Conversions Part 2

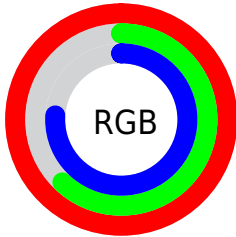
Format	Color
R _Y B	255, 158, 194
Decimal	16752322
CIE Lab	75.82, 40.64, -3.16
CIE LCh	76, 40.759, 355.549
Yxy	49.5967, 0.3716, 0.2916
Android (android.graphics.Color)	4294942402 (0xFFFF9EC2)
YUV	191.1070, 1.4262, 56.0342
Hunter-Lab	70.4249, 36.9491, 1.0535

Details

The YIQ color **191.1070, 46.2560, 31.7600** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **221.8930, -46.2560, -31.7600**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **230.3630, 12.8800, 19.8880**, and **136.1990, 43.0010, 30.1770** is the 20% darker color. If you saturate the color by 10%, you get **174.0210, 58.5420, 40.3820**, and if you desaturate by 10%, it is **207.6060, 34.2450, 23.6610**.

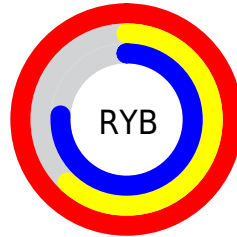
Distribution



Red (100%)

Green (62%)

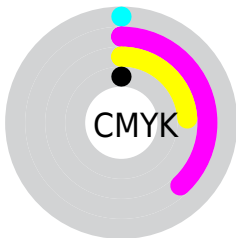
Blue (76%)



Red (100%)

Yellow (62%)

Blue (76%)

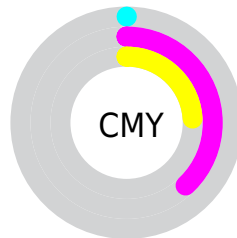


Cyan (0%)

Magenta (38%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.1070, 46.2560, 31.7600 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 191.1070, 46.2560, 31.7600 by changing the saturation by 10% instead.


 191.1070, 46.2560,
31.7600


 191.1070, 46.2560,
31.7600


255.0000, -0.0000,
-0.0000


 163.2100, 44.4680,
31.1240


 230.3630, 12.8800,
19.8880


 136.3130, 42.6800,
30.4880

 247.9560, 3.3000,
6.2760

 109.7150, 41.4880,
30.0640

 83.3450, 39.6540,
30.2620

 57.2740, 38.4160,
30.6720

 30.8440, 36.8110,
32.2270

 20.7900, 27.7350,

20.4950

■ 10.8780, 21.1350,
7.9430

■ 0.0000, 0.0000,
0.0000

■ 191.1070, 46.2560,
31.7600

■ 191.1070, 46.2560,
31.7600

■ 174.0210, 58.5420,
40.3820

■ 207.6060, 34.2450,
23.6610

■ 157.5220, 70.5530,
48.4810

■ 224.6920, 21.9590,
15.0390

■ 140.4360, 82.8390,
57.1030

■ 241.1910, 9.9480,
6.9400

■ 123.9370, 94.8500,
65.2020

■ 255.0000, -0.0000,
-0.0000

■ 106.8510,
107.1360, 73.8240

■ 90.3520, 119.1470,
81.9230

■ 87.0750, 121.4850,
83.6050

Harmonies

Analogous

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



192.1330, 17.0040, 33.2600



191.1070, 46.2560, 31.7600



187.9490, 57.9040, 18.8960

Triad

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



191.1070, 46.2560, 31.7600



180.8510, 15.4560, -26.8160



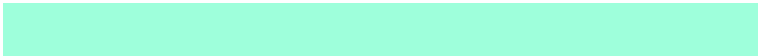
162.3940, -104.1660, -17.4940

Complementary

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



191.1070, 46.2560, 31.7600



221.8930, -46.2560, -31.7600

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.



152.6510, -112.9200, -35.0640



191.1070, 46.2560, 31.7600



175.5290, -21.8640, -33.2880

Square

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



191.1070, 46.2560, 31.7600



184.9580, 43.3760, -15.1840



167.1450, -64.6410, -34.4730



178.2520, -61.9430, 4.7530

Rectangle

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



191.1070, 46.2560, 31.7600



188.1800, 61.2070, 8.5910



167.1450, -64.6410, -34.4730



155.3660, -116.1310, -26.4270

Sweetspot

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



191.1070, 46.2560, 31.7600



236.5120, 13.4780, 9.0460



186.9980, 4.6230, 42.8870



116.7670, 8.2060, 5.4700



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.



191.1070, 46.2560, 31.7600



177.8850, 55.9290, 38.1770



193.4600, 54.7870, 14.8110



119.3430, 6.4640, 4.0000



65.2030, 91.0450, 62.5730



21.8720, 30.4400, 21.0320

Inverse Universe

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



191.1070, 46.2560, 31.7600



177.8850, 55.9290, 38.1770



219.5400, -54.7870, -14.8110



119.3430, 6.4640, 4.0000



65.2030, 91.0450, 62.5730



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 191.1070, 46.2560, 31.7600 looks on a white background.

Color Contrast Check

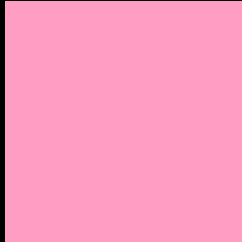
Large Text (above 18pt) WCAG AA × Fail

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 191.1070, 46.2560, 31.7600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

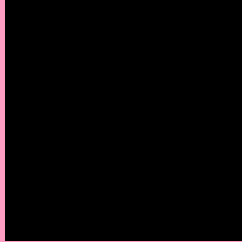
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.1070, 46.2560, 31.7600

Background



This preview shows how black text looks on a background with the YIQ color 191.1070, 46.2560, 31.7600.



This preview shows how white text looks on a background with the YIQ color 191.1070, 46.2560,

31.7600.

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

191.1070, 46.2560, 31.7600

Protanopia

188.2520, -9.2170, 7.3510

Deuteranopia

188.9030, 10.8190, 7.6750



Tritanopia

190.5770, 50.3840, 23.0240

Trichromacy



Original Color

191.1070, 46.2560, 31.7600



Protanomaly

189.4720, 10.9550, 16.2270



Deuteranomaly

190.0020, 24.0220, 16.1980



Tritanomaly

191.0870, 49.0080, 25.9360

Monochromacy



Original Color

191.1070, 46.2560, 31.7600



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

190.9470, 16.6870, 11.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.1070, 46.2560, 31.7600 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, 158, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 158, 194)  
}
```

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, 158, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 158, 194) }
```

Border

The CSS property to change the border of an element to YIQ 191.1070, 46.2560, 31.7600 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, 158, 194) }
```


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

```
.border{ border-color:rgb(255, 158, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 158, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 158, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 158, 194); box-shadow:4px 4px 4px 4px rgb(255, 158, 194) }
```

Background

The CSS property to change the background color of an element to YIQ 191.1070, 46.2560, 31.7600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 158, 194) }
```

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

```
.background{ background-color: rgb(255,  
158, 194) }
```

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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