

Converting Colors

YIQ(211.5620, 20.3500, 38.7020)

Have a look what the booklet for
YIQ(211.5620, 20.3500, 38.7020)
contains.

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Color

**YIQ(211.5620, 20.3500,
38.7020)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB5FF
RGB	255, 181, 255
RGB Percent	100%, 71%, 100%
CMY	0.0000, 0.2903, 0.0000
CMYK	0.00, 0.29, 0.00, 0.00
HSL	300°, 100%, 85%
HSV	300°, 29%, 100%
XYZ	75.8076, 61.5152, 102.4859
YIQ	211.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 181, 255
Decimal	16758271
CIE _{Lab}	82.65, 38.45, -25.91
CIE _{LCh}	83, 46.368, 326.029
Yxy	61.5152, 0.3161, 0.2565
Android (android.graphics.Color)	4294948351 (0xFFFFB5FF)
YUV	211.5620, 21.4149, 38.0951
Hunter-Lab	78.4316, 35.2727, -22.5716

Details

The YIQ color $211.5620, 20.3500, 38.7020$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $224.4380, -20.3500, -38.7020$, and the grayscale version is $211.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $156.0240, 18.9290, 36.9210$ is the 20% darker color. If you saturate the color by 10%, you get $196.3000, 27.5000, 52.3000$, and if you desaturate by 10%, it is $226.2370, 13.4750, 25.6270$.

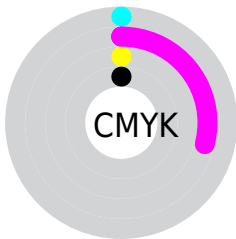
Distribution



- Red (100%)
- Green (71%)
- Blue (100%)



- Red (100%)
- Yellow (71%)
- Blue (100%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 211.5620, 20.3500, 38.7020 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 211.5620, 20.3500, 38.7020 by changing the saturation by 10% instead.


 211.5620, 20.3500,
38.7020


 211.5620, 20.3500,
38.7020


255.0000, -0.0000,
-0.0000


 183.7360, 19.8000,
37.6560


 245.0210, 4.6750,
8.8910

 156.0240, 18.9290,
36.9210

 129.3120, 18.0580,
36.1860

 103.4860, 17.5080,
35.1400

 78.0730, 17.2330,
34.6170

 52.7740, 16.6370,
34.4050

 27.3010, 16.5910,

35.2390

■ 17.9160, 9.9450,
23.5210

■ 3.4480, -6.8330,
8.1990

■ 211.5620, 20.3500,
38.7020

■ 211.5620, 20.3500,
38.7020

■ 196.3000, 27.5000,
52.3000

■ 226.2370, 13.4750,
25.6270

■ 181.6250, 34.3750,
65.3750

■ 241.4990, 6.3250,
12.0290

■ 166.3630, 41.5250,
78.9730

255.0000, -0.0000,
-0.0000

■ 151.6880, 48.4000,
92.0480

■ 136.4260, 55.5500,
105.6460

■ 121.7510, 62.4250,
118.7210

■ 106.4890, 69.5750,
132.3190

■ 105.3150, 70.1250,
133.3650

Harmonies

Analogous

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



205.1070, -15.6380, 19.0980



211.5620, 20.3500, 38.7020



201.4910, 36.3070, 30.3470

Triad

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



211.5620, 20.3500, 38.7020



202.9000, 49.2910, -17.7570



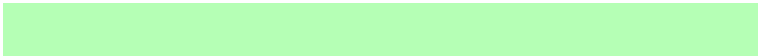
161.4240, -140.3820, -43.9820

Complementary

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



211.5620, 20.3500, 38.7020



224.4380, -20.3500, -38.7020

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.



180.3280, -78.5780, -40.7060



211.5620, 20.3500, 38.7020



198.8740, 16.6490, -31.9190

Square

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



211.5620, 20.3500, 38.7020



200.8170, 57.4950, -1.2330



192.0290, -26.4480, -38.3200



166.5490, -130.0680, -32.6600

Rectangle

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



211.5620, 20.3500, 38.7020



198.1850, 45.6160, 21.3280



192.0290, -26.4480, -38.3200



160.4150, -136.1630, -48.8590

Sweetspot

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



211.5620, 20.3500, 38.7020



241.4990, 6.3250, 12.0290



189.4360, -23.7540, 23.0140



119.1950, 4.1250, 7.8450



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.



211.5620, 20.3500, 38.7020



202.7570, 24.4750, 46.5470



207.3440, 32.2270, 27.1950



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Inverse Universe

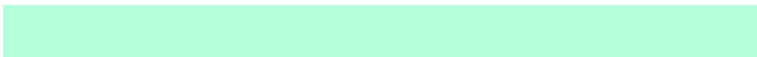
The Inverse Universe completely reimagines the original color for something new.



211.5620, 20.3500, 38.7020



202.7570, 24.4750, 46.5470



228.6560, -32.2270, -27.1950



120.3690, 3.5750, 6.7990



78.8830, 52.5250, 99.8930



26.4320, 17.6000, 33.4720

Previews

White Background



This preview shows how the YIQ color 211.5620, 20.3500, 38.7020 looks on a white background.

Color Contrast Check

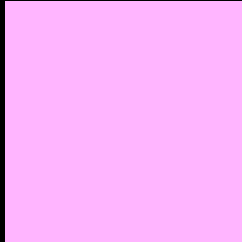
Large Text (above 18pt) WCAG AA × Fail

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 211.5620, 20.3500, 38.7020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

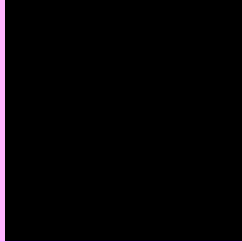
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.5620, 20.3500, 38.7020

Background



This preview shows how black text looks on a background with the YIQ color 211.5620, 20.3500, 38.7020.



This preview shows how white text looks on a background with the YIQ color 211.5620, 20.3500,

38.7020.

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

211.5620, 20.3500, 38.7020

Protanopia

206.5250, -22.9270, 13.5290

Deuteranopia

208.1840, -14.5370, 15.6630



Tritanopia

209.6390, 29.4780, 16.4380

Trichromacy



Original Color

211.5620, 20.3500, 38.7020



Protanomaly

208.7060, -7.0190, 22.5890



Deuteranomaly

209.2830, -1.3340, 24.1860



Tritanomaly

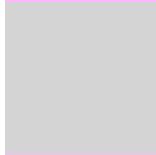
210.2400, 26.5880, 24.7640

Monochromacy



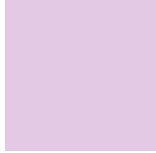
Original Color

211.5620, 20.3500, 38.7020



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

212.1510, 7.4250, 14.1210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.5620, 20.3500, 38.7020 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, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 255)  
}
```

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, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 255) }
```

Border

The CSS property to change the border of an element to YIQ 211.5620, 20.3500, 38.7020 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, 181, 255) }
```


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

```
.border{ border-color:rgb(255, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 211.5620, 20.3500, 38.7020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 255) }
```

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

```
.background{ background-color: rgb(255,  
181, 255) }
```

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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