

Converting Colors

YIQ(201.8900, 22.0020, 30.7860)

Have a look what the booklet for
YIQ(201.8900, 22.0020, 30.7860)
contains.

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Color

**YIQ(201.8900, 22.0020,
30.7860)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B0E6
RGB	242, 176, 230
RGB Percent	95%, 69%, 90%
CMY	0.0508, 0.3099, 0.0980
CMYK	0.00, 0.27, 0.05, 0.05
HSL	311°, 72%, 82%
HSV	311°, 27%, 95%
XYZ	66.4391, 55.6395, 82.1092
YIQ	201.8900, 22.0020, 30.7860

Conversions

Conversions Part 2

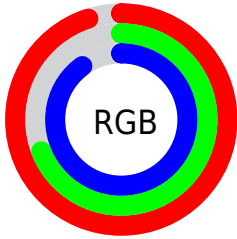
Format	Color
R _Y B	242, 176, 230
Decimal	15904998
CIE Lab	79.41, 32.50, -17.55
CIE LCh	79, 36.935, 331.637
Yxy	55.6395, 0.3254, 0.2725
Android (android.graphics.Color)	4294095078 (0xFFFF2B0E6)
YUV	201.8900, 13.8582, 35.1765
Hunter-Lab	74.5919, 28.4544, -13.0509

Details

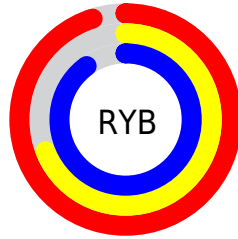
The YIQ color $201.8900, 22.0020, 30.7860$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $216.1100, -22.0020, -30.7860$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4990, 6.3250, 12.0290$, and $147.3520, 20.5810, 29.0050$ is the 20% darker color. If you saturate the color by 10%, you get $187.3460, 29.8860, 42.0940$, and if you desaturate by 10%, it is $216.4340, 14.1180, 19.4780$.

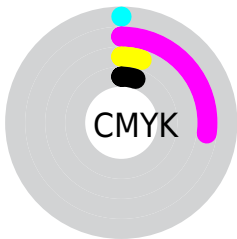
Distribution



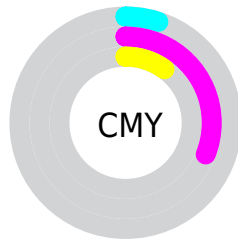
- Red (95%)
- Green (69%)
- Blue (90%)



- Red (95%)
- Yellow (69%)
- Blue (90%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (5%)



- Cyan (5%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.8900, 22.0020, 30.7860 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 201.8900, 22.0020, 30.7860 by changing the saturation by 10% instead.

201.8900, 22.0020,
30.7860

201.8900, 22.0020,
30.7860

255.0000, -0.0000,
-0.0000

174.1780, 21.1310,
30.0510

241.4990, 6.3250,
12.0290

147.3520, 20.5810,
29.0050

121.0530, 19.9850,
28.7930

95.3410, 19.1140,
28.0580

70.6290, 18.2430,
27.3230

46.3300, 17.6470,
27.1110

22.1450, 16.7300,

27.2100

■ 14.1840, 11.8260,
16.9620

■ 0.0000, 0.0000,
0.0000

■ 201.8900, 22.0020,
30.7860

■ 201.8900, 22.0020,
30.7860

■ 187.3460, 29.8860,
42.0940

■ 216.4340, 14.1180,
19.4780

■ 172.6880, 38.0910,
53.0910

■ 231.0920, 5.9130,
8.4810

■ 157.5570, 46.2500,
64.9220

■ 246.2230, -2.2460,
-3.3500

■ 142.8990, 54.4550,
75.9190

■ 250.3150, -5.5010,
-4.9330

■ 128.3550, 62.3390,
87.2270

■ 250.7710, -6.7850,
-3.6890

■ 113.8110, 70.2230,
98.5350

■ 251.1130, -7.7480,
-2.7560

■ 99.1530, 78.4280,
109.5320

■ 94.9300, 80.6740,
112.8820

Harmonies

Analogous

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



199.8350, -11.6960, 24.7520



201.8900, 22.0020, 30.7860



198.9660, 42.0390, 25.5830

Triad

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



201.8900, 22.0020, 30.7860



194.2390, 35.2150, -15.9610



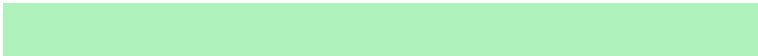
174.7900, -88.0260, -23.6580

Complementary

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



201.8900, 22.0020, 30.7860



216.1100, -22.0020, -30.7860

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.



178.8620, -62.1660, -29.7660



201.8900, 22.0020, 30.7860



190.3710, 8.1200, -26.0240

Square

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



201.8900, 22.0020, 30.7860



196.8920, 52.9100, -0.7380



185.1850, -26.5870, -30.2910



181.9520, -79.1340, -8.5900

Rectangle

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



201.8900, 22.0020, 30.7860



196.9310, 49.1470, 17.9070



185.1850, -26.5870, -30.2910



175.3190, -82.3860, -26.7540

Sweetspot

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



201.8900, 22.0020, 30.7860



242.8040, 6.7840, 9.2160



186.8130, -14.6300, 22.8580



120.0270, 4.5380, 5.8660



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.



201.8900, 22.0020, 30.7860



203.9820, 27.9150, 39.2670



198.2420, 32.2740, 20.8340



112.7280, 3.9420, 5.6540



72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Inverse Universe

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



201.8900, 22.0020, 30.7860



203.9820, 27.9150, 39.2670



219.7580, -32.2740, -20.8340



112.7280, 3.9420, 5.6540



72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 201.8900, 22.0020, 30.7860 looks on a white background.

Color Contrast Check

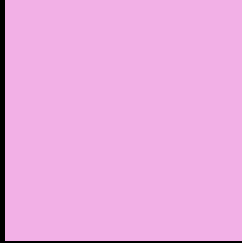
Large Text (above 18pt) WCAG AA × Fail

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 201.8900, 22.0020, 30.7860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

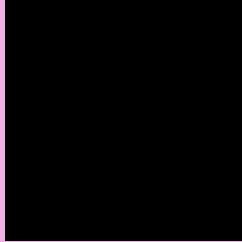
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 201.8900, 22.0020, 30.7860

Background



This preview shows how black text looks on a background with the YIQ color 201.8900, 22.0020, 30.7860.



This preview shows how white text looks on a background with the YIQ color 201.8900, 22.0020,

30.7860.

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

201.8900, 22.0020, 30.7860

Protanopia

197.7810, -20.7720, 13.0200

Deuteranopia

198.9800, -5.2750, 13.0050



Tritanopia

200.3400, 28.8820, 16.2260

Trichromacy



Original Color

201.8900, 22.0020, 30.7860



Protanomaly

199.0820, -5.3220, 19.3660



Deuteranomaly

200.0570, 4.9940, 19.6340



Tritanomaly

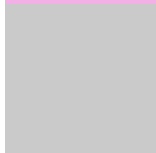
200.8330, 26.1760, 21.2160

Monochromacy



Original Color

201.8900, 22.0020, 30.7860



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

202.3420, 8.2050, 10.9970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.8900, 22.0020, 30.7860 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, 176, 230)` looks like.

```
.text, #text, p{  
    color:rgb(242, 176, 230)  
}
```

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, 176, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 176, 230) }
```

Border

The CSS property to change the border of an element to YIQ 201.8900, 22.0020, 30.7860 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, 176, 230) }
```


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

```
.border{ border-color:rgb(242, 176, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 176, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 176, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 176, 230);  
box-shadow:4px 4px 4px 4px rgb(242, 176,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 201.8900, 22.0020, 30.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 176, 230) }
```

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

```
.background{ background-color: rgb(242,  
176, 230) }
```

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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