

Converting Colors

YIQ(202.8790, 20.5350, 29.8390)

Have a look what the booklet for
YIQ(202.8790, 20.5350, 29.8390)
contains.

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Color

**YIQ(202.8790, 20.5350,
29.8390)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B2E7
RGB	241, 178, 231
RGB Percent	95%, 70%, 91%
CMY	0.0547, 0.3020, 0.0941
CMYK	0.00, 0.26, 0.04, 0.05
HSL	310°, 69%, 82%
HSV	310°, 26%, 95%
XYZ	66.6320, 56.3094, 82.9659
YIQ	202.8790, 20.5350, 29.8390

Conversions

Conversions Part 2

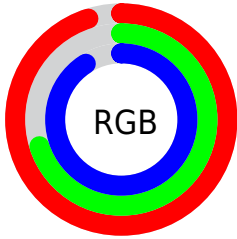
Format	Color
R _Y B	241, 178, 231
Decimal	15839975
CIE Lab	79.79, 31.29, -17.52
CIE LCh	80, 35.857, 330.752
Yxy	56.3094, 0.3236, 0.2735
Android (android.graphics.Color)	4294030055 (0xFFFF1B2E7)
YUV	202.8790, 13.8637, 33.4321
Hunter-Lab	75.0396, 27.1812, -13.0250

Details

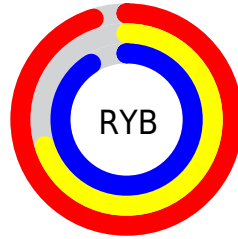
The YIQ color $202.8790, 20.5350, 29.8390$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $216.1210, -20.5350, -29.8390$, and the grayscale version is $203.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $242.6730, 5.7750, 10.9830$, and $148.3410, 19.1140, 28.0580$ is the 20% darker color. If you saturate the color by 10%, you get $188.3350, 28.4190, 41.1470$, and if you desaturate by 10%, it is $217.4230, 12.6510, 18.5310$.

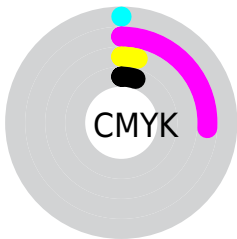
Distribution



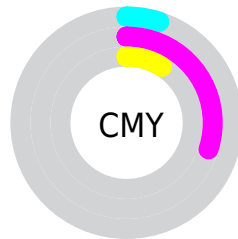
- Red (95%)
- Green (70%)
- Blue (91%)



- Red (95%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.8790, 20.5350, 29.8390 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 202.8790, 20.5350, 29.8390 by changing the saturation by 10% instead.

202.8790, 20.5350,
29.8390

202.8790, 20.5350,
29.8390

255.0000, -0.0000,
-0.0000

175.1670, 19.6640,
29.1040

242.6730, 5.7750,
10.9830

148.3410, 19.1140,
28.0580

122.0420, 18.5180,
27.8460

96.3300, 17.6470,
27.1110

71.6180, 16.7760,
26.3760

47.9060, 15.9050,
25.6410

23.4330, 15.8590,

26.4750

■ 14.1840, 11.8260,
16.9620

■ 0.0000, 0.0000,
0.0000

■ 202.8790, 20.5350,
29.8390

■ 202.8790, 20.5350,
29.8390

■ 188.3350, 28.4190,
41.1470

■ 217.4230, 12.6510,
18.5310

■ 173.7910, 36.3030,
52.4550

■ 231.9670, 4.7670,
7.2230

■ 159.3610, 43.8660,
64.0740

■ 246.5110, -3.1170,
-4.0850

■ 144.8170, 51.7500,
75.3820

■ 249.7880, -5.4550,
-5.7670

129.6860, 59.9090,
87.2130

250.2440, -6.7390,
-4.5230

115.1420, 67.7930,
98.5210

250.7000, -8.0230,
-3.2790

100.5980, 75.6770,
109.8290

250.8140, -8.3440,
-2.9680

95.2010, 78.4730,
114.2250

Harmonies

Analogous

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



200.7100, -12.8420, 23.4940



202.8790, 20.5350, 29.8390



200.3680, 40.8470, 25.1590

Triad

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



202.8790, 20.5350, 29.8390



195.7660, 35.1690, -15.1270



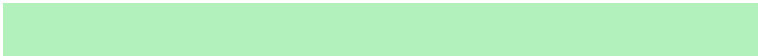
177.6550, -83.2120, -22.7960

Complementary

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



202.8790, 20.5350, 29.8390



216.1210, -20.5350, -29.8390

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.



181.2430, -58.8650, -29.0170



202.8790, 20.5350, 29.8390



192.0830, 8.9910, -25.2890

Square

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



202.8790, 20.5350, 29.8390



198.7070, 51.9930, -0.6390



187.0820, -24.7990, -29.6550



184.0340, -76.4290, -8.0530

Rectangle

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



202.8790, 20.5350, 29.8390



198.4470, 47.6340, 17.7940



187.0820, -24.7990, -29.6550



178.1840, -77.5720, -25.8920

Sweetspot

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



202.8790, 20.5350, 29.8390



242.9180, 6.4630, 9.5270



187.8730, -14.8590, 21.5010



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.



202.8790, 20.5350, 29.8390



207.1450, 25.8980, 37.2740



199.3450, 30.4860, 20.1980



112.7280, 3.9420, 5.6540



72.5720, 60.2300, 86.9020



22.1020, 18.2890, 26.4890

Inverse Universe

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



202.8790, 20.5350, 29.8390



207.1450, 25.8980, 37.2740



219.6550, -30.4860, -20.1980



112.7280, 3.9420, 5.6540



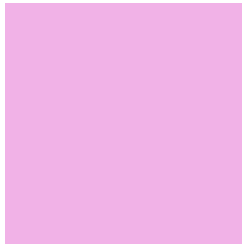
72.5720, 60.2300, 86.9020



22.1020, 18.2890, 26.4890

Previews

White Background



This preview shows how the YIQ color 202.8790, 20.5350, 29.8390 looks on a white background.

Color Contrast Check

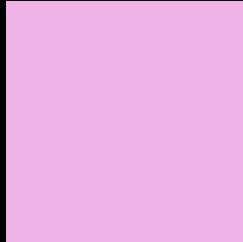
Large Text (above 18pt) WCAG AA × Fail

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 202.8790, 20.5350, 29.8390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

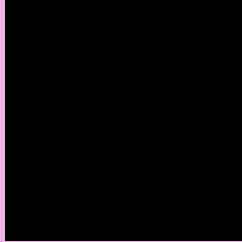
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.8790, 20.5350, 29.8390

Background



This preview shows how black text looks on a background with the YIQ color 202.8790, 20.5350, 29.8390.



This preview shows how white text looks on a background with the YIQ color 202.8790, 20.5350,

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

202.8790, 20.5350, 29.8390

Protanopia

198.6670, -20.4510, 12.7090

Deuteranopia

199.9800, -5.2750, 13.0050



Tritanopia

201.4430, 27.0940, 15.5900

Trichromacy



Original Color

202.8790, 20.5350, 29.8390



Protanomaly

200.0820, -5.3220, 19.3660



Deuteranomaly

201.3450, 4.1230, 18.8990



Tritanomaly

201.9360, 24.3880, 20.5800

Monochromacy



Original Color

202.8790, 20.5350, 29.8390



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.0430, 7.6090, 10.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.8790, 20.5350, 29.8390 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(241, 178, 231)` looks like.

```
.text, #text, p{  
    color:rgb(241, 178, 231)  
}
```

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(241, 178, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 178, 231) }
```

Border

The CSS property to change the border of an element to YIQ 202.8790, 20.5350, 29.8390 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(241, 178, 231) }
```


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

```
.border{ border-color:rgb(241, 178, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 178, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 178, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 178, 231);  
box-shadow:4px 4px 4px 4px rgb(241, 178,  
231) }
```

Background

The CSS property to change the background color of an element to YIQ 202.8790, 20.5350, 29.8390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 178, 231) }
```

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

```
.background{ background-color: rgb(241,  
178, 231) }
```

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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