

Converting Colors

YIQ(216.5200, 11.0000, 20.9200)

Have a look what the booklet for
YIQ(216.5200, 11.0000, 20.9200)
contains.

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Color

**YIQ(216.5200, 11.0000,
20.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C8F0
RGB	240, 200, 240
RGB Percent	94%, 78%, 94%
CMY	0.0587, 0.2157, 0.0588
CMYK	0.00, 0.17, 0.00, 0.06
HSL	300°, 57%, 86%
HSV	300°, 17%, 94%
XYZ	72.3246, 66.1229, 91.3917
YIQ	216.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

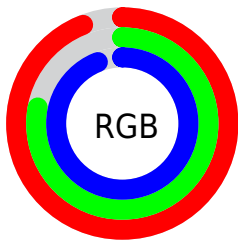
Format	Color
R _Y B	240, 200, 240
Decimal	15780080
CIE Lab	85.06, 20.88, -14.42
CIE LCh	85, 25.374, 325.368
Yxy	66.1229, 0.3147, 0.2877
Android (android.graphics.Color)	4293970160 (0xFFFF0C8F0)
YUV	216.5200, 11.5756, 20.5920
Hunter-Lab	81.3160, 16.4597, -9.7153

Details

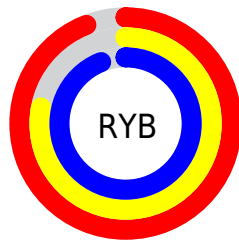
The YIQ color $216.5200, 11.0000, 20.9200$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $223.4800, -11.0000, -20.9200$, and the grayscale version is $216.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $161.6940, 10.4500, 19.8740$ is the 20% darker color. If you saturate the color by 10%, you get $202.4320, 17.6000, 33.4720$, and if you desaturate by 10%, it is $230.6080, 4.4000, 8.3680$.

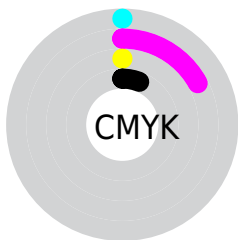
Distribution



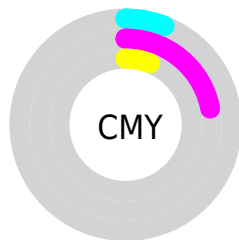
- Red (94%)
- Green (78%)
- Blue (94%)



- Red (94%)
- Yellow (78%)
- Blue (94%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5200, 11.0000, 20.9200 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 216.5200, 11.0000, 20.9200 by changing the saturation by 10% instead.

216.5200, 11.0000,
20.9200

216.5200, 11.0000,
20.9200

255.0000, -0.0000,
-0.0000

189.1070, 10.7250,
20.3970

161.6940, 10.4500,
19.8740

135.2810, 10.1750,
19.3510

109.5690, 9.3040,
18.6160

85.1560, 9.0290,
18.0930

61.3300, 8.4790,
17.0470

38.9170, 8.2040,

16.5240

■ 16.4440, 8.1580,
17.3580

■ 2.1830, -4.7690,
3.8310

■ 216.5200, 11.0000,
20.9200

■ 216.5200, 11.0000,
20.9200

■ 202.4320, 17.6000,
33.4720

■ 230.6080, 4.4000,
8.3680

■ 188.3440, 24.2000,
46.0240

■ 244.6960, -2.2000,
-4.1840

■ 174.2560, 30.8000,
58.5760

■ 248.8050, -4.1250,
-7.8450

■ 160.1680, 37.4000,
71.1280

■ 146.0800, 44.0000,
83.6800

■ 131.9920, 50.6000,
96.2320

■ 117.9040, 57.2000,
108.7840

■ 103.8160, 63.8000,
121.3360

■ 99.1200, 66.0000,
125.5200

Harmonies

Analogous

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



214.5540, -12.7030, 15.4650



216.5200, 11.0000, 20.9200



216.0350, 28.4230, 19.0390

Triad

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



216.5200, 11.0000, 20.9200



212.0460, 28.7490, -8.9070



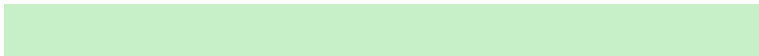
202.4650, -50.2020, -15.3060

Complementary

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



216.5200, 11.0000, 20.9200



223.4800, -11.0000, -20.9200

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.



203.3170, -35.3460, -20.2260



216.5200, 11.0000, 20.9200



209.1360, 10.6400, -16.6240

Square

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



216.5200, 11.0000, 20.9200



214.0570, 39.3840, 2.1040



206.1100, -12.8340, -20.7220



204.6750, -50.4330, -5.6090

Rectangle

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



216.5200, 11.0000, 20.9200



214.2110, 33.5590, 14.0630



206.1100, -12.8340, -20.7220



202.1510, -46.4420, -17.3700

Sweetspot

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



216.5200, 11.0000, 20.9200



247.3690, 3.5750, 6.7990



204.5600, -12.8400, 12.4400



123.1900, 2.5210, 3.8730



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.



216.5200, 11.0000, 20.9200



225.0630, 14.0250, 26.6730



214.2400, 17.4200, 14.7000



112.9560, 3.3000, 6.2760



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Inverse Universe

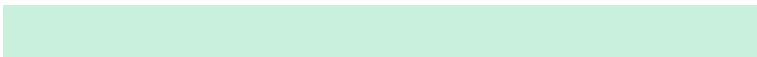
The Inverse Universe completely reimagines the original color for something new.



216.5200, 11.0000, 20.9200



225.0630, 14.0250, 26.6730



225.7600, -17.4200, -14.7000



112.9560, 3.3000, 6.2760



75.8780, 50.9210, 95.9210



23.1280, 15.4000, 29.2880

Previews

White Background



This preview shows how the YIQ color 216.5200, 11.0000, 20.9200 looks on a white background.

Color Contrast Check

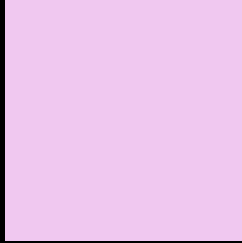
Large Text (above 18pt) WCAG AA × Fail

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 216.5200, 11.0000, 20.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

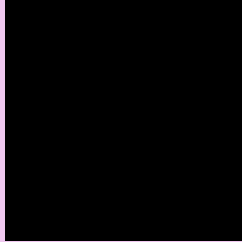
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.5200, 11.0000, 20.9200

Background



This preview shows how black text looks on a background with the YIQ color 216.5200, 11.0000, 20.9200.



This preview shows how white text looks on a background with the YIQ color 216.5200, 11.0000,

20.9200.

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

216.5200, 11.0000, 20.9200

Protanopia

213.6090, -14.5360, 10.1360

Deuteranopia

214.8340, -1.9280, 12.9200



Tritanopia

215.5770, 14.8530, 11.6610

Trichromacy



Original Color

216.5200, 11.0000, 20.9200

Protanomaly

214.5070, -5.3210, 13.8390

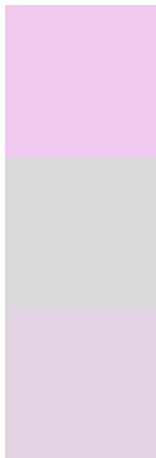
Deuteranomaly

215.1660, 3.0690, 15.9730

Tritanomaly

216.2010, 13.1560, 14.8840

Monochromacy



Original Color

216.5200, 11.0000, 20.9200

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5200, 11.0000, 20.9200 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(240, 200, 240)` looks like.

```
.text, #text, p{  
    color:rgb(240, 200, 240)  
}
```

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(240, 200, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 200, 240) }
```

Border

The CSS property to change the border of an element to YIQ 216.5200, 11.0000, 20.9200 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(240, 200, 240) }
```


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

```
.border{ border-color:rgb(240, 200, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 200, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 200, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 200, 240);  
box-shadow:4px 4px 4px 4px rgb(240, 200,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5200, 11.0000, 20.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 200, 240) }
```

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

```
.background{ background-color: rgb(240,  
200, 240) }
```

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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