

Converting Colors

YIQ(212.2920, 11.6420, 20.2980)

Have a look what the booklet for
YIQ(212.2920, 11.6420, 20.2980)
contains.

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Color

**YIQ(212.2920, 11.6420,
20.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC4EA
RGB	236, 196, 234
RGB Percent	93%, 77%, 92%
CMY	0.0744, 0.2314, 0.0823
CMYK	0.00, 0.17, 0.01, 0.07
HSL	303°, 51%, 85%
HSV	303°, 17%, 93%
XYZ	69.1902, 63.2511, 86.4071
YIQ	212.2920, 11.6420, 20.2980

Conversions

Conversions Part 2

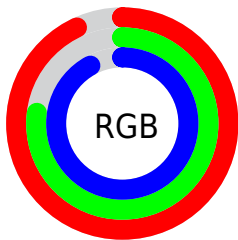
Format	Color
R _{YB}	236, 196, 234
Decimal	15516906
CIE Lab	83.57, 20.59, -13.49
CIE LCh	84, 24.610, 326.772
Yxy	63.2511, 0.3162, 0.2890
Android (android.graphics.Color)	4293706986 (0xFFECC4EA)
YUV	212.2920, 10.7020, 20.7919
Hunter-Lab	79.5306, 16.1133, -8.7450

Details

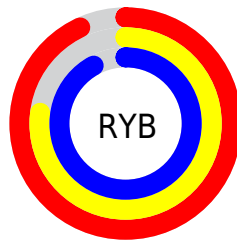
The YIQ color $212.2920, 11.6420, 20.2980$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $219.7080, -11.6420, -20.2980$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.8260, 0.5500, 1.0460$, and $157.4660, 11.0920, 19.2520$ is the 20% darker color. If you saturate the color by 10%, you get $198.0900, 18.5630, 32.5390$, and if you desaturate by 10%, it is $226.4940, 4.7210, 8.0570$.

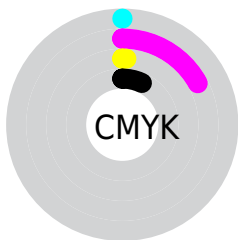
Distribution



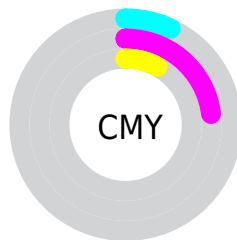
- Red (93%)
- Green (77%)
- Blue (92%)



- Red (93%)
- Yellow (77%)
- Blue (92%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (7%)



- Cyan (7%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2920, 11.6420, 20.2980 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 212.2920, 11.6420, 20.2980 by changing the saturation by 10% instead.

212.2920, 11.6420,
20.2980

212.2920, 11.6420,
20.2980

255.0000, -0.0000,
-0.0000

184.8790, 11.3670,
19.7750

253.8260, 0.5500,
1.0460

157.4660, 11.0920,
19.2520

131.1670, 10.4960,
19.0400

105.7540, 10.2210,
18.5170

81.6290, 9.0750,
17.2590

58.2160, 8.8000,
16.7360

35.8030, 8.5250,

16.2130

■ 13.6290, 9.0750,
17.2590

■ 0.6840, -1.9260,
1.8660

■ 212.2920, 11.6420,
20.2980

■ 212.2920, 11.6420,
20.2980

■ 198.0900, 18.5630,
32.5390

■ 226.4940, 4.7210,
8.0570

■ 184.4750, 25.2090,
44.2570

■ 240.1090, -1.9250,
-3.6610

■ 170.1590, 32.4510,
56.1870

■ 247.3810, -5.8670,
-9.3150

■ 156.5440, 39.0970,
67.9050

■ 247.4950, -6.1880,
-9.0040

142.3420, 46.0180,
80.1460

247.6090, -6.5090,
-8.6930

128.1400, 52.9390,
92.3870

247.7230, -6.8300,
-8.3820

114.5250, 59.5850,
104.1050

247.8370, -7.1510,
-8.0710

100.2090, 66.8270,
116.0350

248.0650, -7.7930,
-7.4490

96.1000, 68.7520,
119.6960

248.1790, -8.1140,
-7.1380

Harmonies

Analogous

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



210.1520, -11.5110, 15.8890



212.2920, 11.6420, 20.2980



212.5190, 29.9360, 19.1520

Triad

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



212.2920, 11.6420, 20.2980



207.5620, 27.2360, -9.0200



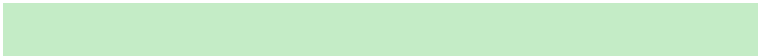
198.7750, -48.1390, -14.1470

Complementary

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



212.2920, 11.6420, 20.2980



219.7080, -11.6420, -20.2980

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.



199.1430, -34.7960, -19.1800



212.2920, 11.6420, 20.2980



205.0650, 9.4020, -16.2140

Square

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



212.2920, 11.6420, 20.2980



209.4590, 38.1920, 1.6800



202.2240, -13.1550, -20.4110



200.8710, -48.0490, -4.7610

Rectangle

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



212.2920, 11.6420, 20.2980



211.2930, 36.2640, 14.6000



202.2240, -13.1550, -20.4110



198.8630, -45.5710, -16.6350

Sweetspot

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



212.2920, 11.6420, 20.2980



247.2550, 3.8960, 6.4880



201.1580, -11.6480, 12.8640



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.



212.2920, 11.6420, 20.2980



224.7210, 14.9880, 25.7400



210.0120, 18.0620, 14.0780



110.5430, 3.0250, 5.7530



73.7270, 52.6640, 91.8640



21.9600, 15.8130, 27.3090

Inverse Universe

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



212.2920, 11.6420, 20.2980



224.7210, 14.9880, 25.7400



221.9880, -18.0620, -14.0780



110.5430, 3.0250, 5.7530



73.7270, 52.6640, 91.8640



21.9600, 15.8130, 27.3090

Previews

White Background



This preview shows how the YIQ color 212.2920, 11.6420, 20.2980 looks on a white background.

Color Contrast Check

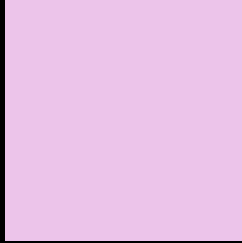
Large Text (above 18pt) WCAG AA × Fail

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 212.2920, 11.6420, 20.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

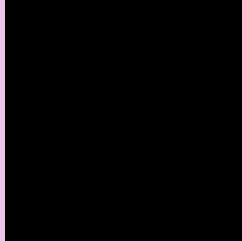
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.2920, 11.6420, 20.2980

Background



This preview shows how black text looks on a background with the YIQ color 212.2920, 11.6420, 20.2980.



This preview shows how white text looks on a background with the YIQ color 212.2920, 11.6420,

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

212.2920, 11.6420, 20.2980

Protanopia

209.3810, -13.8940, 9.5140

Deuteranopia

210.6060, -1.2860, 12.2980



Tritanopia

210.9900, 15.1280, 12.1840

Trichromacy



Original Color

212.2920, 11.6420, 20.2980

Protanomaly

210.2790, -4.6790, 13.2170

Deuteranomaly

210.9380, 3.7110, 15.3510

Tritanomaly

211.5000, 13.7520, 15.0960

Monochromacy



Original Color

212.2920, 11.6420, 20.2980

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0810, 4.4460, 7.5340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2920, 11.6420, 20.2980 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(236, 196, 234)` looks like.

```
.text, #text, p{  
    color:rgb(236, 196, 234)  
}
```

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(236, 196, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 196, 234) }
```

Border

The CSS property to change the border of an element to YIQ 212.2920, 11.6420, 20.2980 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(236, 196, 234) }
```


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

```
.border{ border-color:rgb(236, 196, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 196, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 196, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 196, 234);  
box-shadow:4px 4px 4px 4px rgb(236, 196,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2920, 11.6420, 20.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 196, 234) }
```

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

```
.background{ background-color: rgb(236,  
196, 234) }
```

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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