

Converting Colors

YIQ(212.1610, 10.6330, 22.0650)

Have a look what the booklet for
YIQ(212.1610, 10.6330, 22.0650)
contains.

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Color

**YIQ(212.1610, 10.6330,
22.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC3EE
RGB	236, 195, 238
RGB Percent	93%, 76%, 93%
CMY	0.0744, 0.2353, 0.0667
CMYK	0.01, 0.18, 0.00, 0.07
HSL	297°, 56%, 85%
HSV	297°, 18%, 93%
XYZ	69.5468, 63.0340, 89.3919
YIQ	212.1610, 10.6330, 22.0650

Conversions

Conversions Part 2

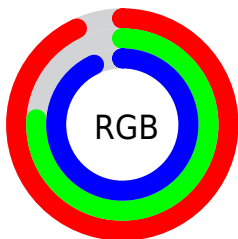
Format	Color
R _Y B	236, 195, 238
Decimal	15516654
CIE Lab	83.46, 21.85, -15.79
CIE LCh	83, 26.957, 324.144
Yxy	63.0340, 0.3133, 0.2840
Android (android.graphics.Color)	4293706734 (0xFFECC3EE)
YUV	212.1610, 12.7386, 20.9068
Hunter-Lab	79.3940, 17.4214, -11.1805

Details

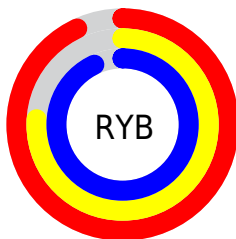
The YIQ color $212.1610, 10.6330, 22.0650$ is a light color, and the websafe version is hex $FFCCFF$. A complement of this color would be $220.8390, -10.6330, -22.0650$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.2390, 0.8250, 1.5690$, and $157.3350, 10.0830, 21.0190$ is the 20% darker color. If you saturate the color by 10%, you get $197.7740, 16.6370, 34.4050$, and if you desaturate by 10%, it is $226.5480, 4.6290, 9.7250$.

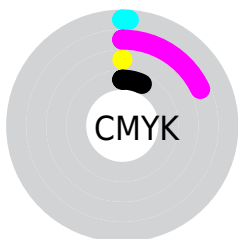
Distribution



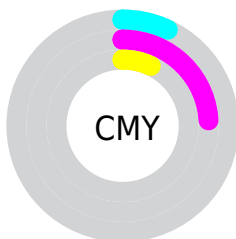
- Red (93%)
- Green (76%)
- Blue (93%)



- Red (93%)
- Yellow (76%)
- Blue (93%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 212.1610, 10.6330, 22.0650 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 212.1610, 10.6330, 22.0650 by changing the saturation by 10% instead.


 212.1610, 10.6330,
22.0650


 212.1610, 10.6330,
22.0650


255.0000, -0.0000,
-0.0000

 184.7480, 10.3580,
21.5420


 253.2390, 0.8250,
1.5690

 157.3350, 10.0830,
21.0190

 130.9220, 9.8080,
20.4960

 106.0960, 9.2580,
19.4500

 81.3840, 8.3870,
18.7150

 57.9710, 8.1120,
18.1920

 35.2590, 7.2410,

17.4570

■ 13.8570, 8.4330,
17.8810

■ 1.2540, -3.5310,
3.4210

■ 212.1610, 10.6330,
22.0650

■ 212.1610, 10.6330,
22.0650

■ 197.7740, 16.6370,
34.4050

■ 226.5480, 4.6290,
9.7250

■ 183.3870, 22.6410,
46.7450

■ 240.9350, -1.3750,
-2.6150

■ 169.5870, 28.3700,
58.5620

■ 248.2780, -4.0790,
-8.6790

■ 155.2000, 34.3740,
70.9020

■ 248.5770, -3.4830,
-8.4670

140.8130, 40.3780,
83.2420

248.8760, -2.8870,
-8.2550

126.1270, 45.7860,
95.3700

249.4740, -1.6950,
-7.8310

111.7400, 51.7900,
107.7100

249.7730, -1.0990,
-7.6190

97.9400, 57.5190,
119.5270

250.0720, -0.5030,
-7.4070

95.0050, 58.8940,
122.1420

250.3710, 0.0930,
-7.1950

Harmonies

Analogous

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



209.7110, -14.5830, 16.4970



212.1610, 10.6330, 22.0650



212.1710, 31.0360, 21.2440

Triad

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



212.1610, 10.6330, 22.0650



207.7150, 31.1790, -8.8930



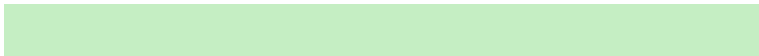
196.9700, -53.1820, -16.3660

Complementary

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



212.1610, 10.6330, 22.0650



220.8390, -10.6330, -22.0650

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.



198.1920, -36.4920, -21.4840



212.1610, 10.6330, 22.0650



204.6800, 11.9240, -17.8680

Square

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



212.1610, 10.6330, 22.0650



209.2530, 41.7680, 2.9520



201.4690, -12.4670, -21.8670



198.9950, -54.3300, -6.5700

Rectangle

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



212.1610, 10.6330, 22.0650



210.2330, 36.4930, 15.9570



201.4690, -12.4670, -21.8670



196.5420, -49.1010, -18.7410

Sweetspot

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



212.1610, 10.6330, 22.0650



247.0700, 2.9790, 6.5870



201.0760, -14.3530, 12.3270



123.0050, 1.6040, 3.9720



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.



212.1610, 10.6330, 22.0650



221.2310, 13.6120, 28.6520



210.5930, 17.9240, 16.5800



112.6570, 2.7040, 6.0640



73.3010, 45.2360, 94.3240



22.5300, 14.2080, 28.8640

Inverse Universe

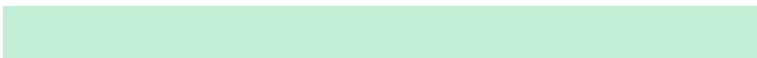
The Inverse Universe completely reimagines the original color for something new.



208.0850, 24.9860, 9.7380



215.9720, 32.7340, 12.4940



222.4070, -17.9240, -16.5800



111.5880, 7.1520, 2.5440



55.9280, 107.0960, 41.4960



17.0860, 32.4130, 12.8050

Previews

White Background



This preview shows how the YIQ color 212.1610, 10.6330, 22.0650 looks on a white background.

Color Contrast Check

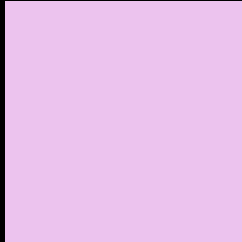
Large Text (above 18pt) WCAG AA × Fail

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 212.1610, 10.6330, 22.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

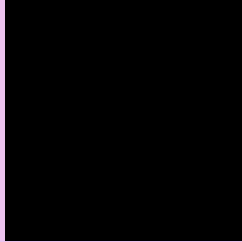
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.1610, 10.6330, 22.0650

Background



This preview shows how black text looks on a background with the YIQ color 212.1610, 10.6330, 22.0650.



This preview shows how white text looks on a background with the YIQ color 212.1610, 10.6330,

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

212.1610, 10.6330, 22.0650

Protanopia

208.7660, -16.4160, 11.1680

Deuteranopia

210.3500, -3.4410, 12.8070



Tritanopia

210.9900, 15.1280, 12.1840

Trichromacy



Original Color

212.1610, 10.6330, 22.0650

Protanomaly

209.9630, -6.6050, 15.0830

Deuteranomaly

211.0950, 1.8310, 16.3830

Tritanomaly

211.6140, 13.4310, 15.4070

Monochromacy



Original Color

212.1610, 10.6330, 22.0650

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.1610, 10.6330, 22.0650 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, 195, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 238)  
}
```

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, 195, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 238) }
```

Border

The CSS property to change the border of an element to YIQ 212.1610, 10.6330, 22.0650 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, 195, 238) }
```


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

```
.border{ border-color:rgb(236, 195, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 195, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 195, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 195,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 212.1610, 10.6330, 22.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 238) }
```

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

```
.background{ background-color: rgb(236,  
195, 238) }
```

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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