

Converting Colors

YIQ(209.6660, 7.6530, 21.0050)

Have a look what the booklet for
YIQ(209.6660, 7.6530, 21.0050)
contains.

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Color

**YIQ(209.6660, 7.6530,
21.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	E6C2ED
RGB	230, 194, 237
RGB Percent	90%, 76%, 93%
CMY	0.0979, 0.2393, 0.0706
CMYK	0.03, 0.18, 0.00, 0.07
HSL	290°, 54%, 85%
HSV	290°, 18%, 93%
XYZ	67.2167, 61.5190, 88.4518
YIQ	209.6660, 7.6530, 21.0050

Conversions

Conversions Part 2

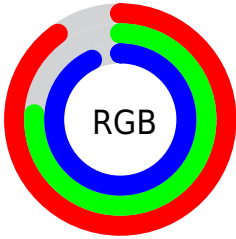
Format	Color
R _Y B	230, 194, 237
Decimal	15123181
CIE Lab	82.66, 20.22, -16.52
CIE LCh	83, 26.110, 320.760
Yxy	61.5190, 0.3095, 0.2833
Android (android.graphics.Color)	4293313261 (0xFFE6C2ED)
YUV	209.6660, 13.4757, 17.8329
Hunter-Lab	78.4341, 15.7120, -11.9588

Details

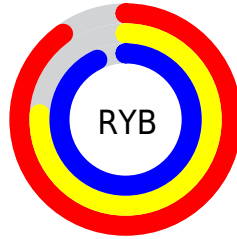
The YIQ color $209.6660, 7.6530, 21.0050$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $221.3340, -7.6530, -21.0050$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.6520, 1.1000, 2.0920$, and $154.8400, 7.1030, 19.9590$ is the 20% darker color. If you saturate the color by 10%, you get $194.3820, 11.8690, 32.7090$, and if you desaturate by 10%, it is $224.9500, 3.4370, 9.3010$.

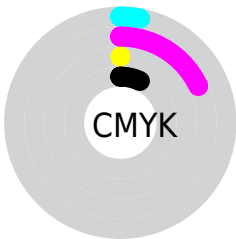
Distribution



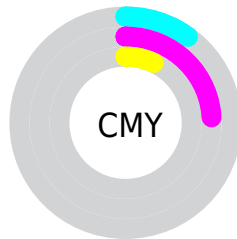
- Red (90%)
- Green (76%)
- Blue (93%)



- Red (90%)
- Yellow (76%)
- Blue (93%)



- Cyan (3%)
- Magenta (18%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (24%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.6660, 7.6530, 21.0050 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 209.6660, 7.6530, 21.0050 by changing the saturation by 10% instead.

■ 209.6660, 7.6530,
21.0050

■ 209.6660, 7.6530,
21.0050

255.0000, -0.0000,
-0.0000

■ 182.2530, 7.3780,
20.4820

■ 252.6520, 1.1000,
2.0920

■ 154.8400, 7.1030,
19.9590

■ 129.0140, 6.5530,
18.9130

■ 103.6010, 6.2780,
18.3900

■ 79.1880, 6.0030,
17.8670

■ 55.7750, 5.7280,
17.3440

■ 33.9490, 5.1780,

16.2980

■ 12.9600, 6.6450,
17.2450

■ 1.0260, -2.8890,
2.7990

■ 209.6660, 7.6530,
21.0050

■ 209.6660, 7.6530,
21.0050

■ 194.3820, 11.8690,
32.7090

■ 224.9500, 3.4370,
9.3010

■ 179.6850, 15.8100,
43.8900

■ 239.6470, -0.5040,
-1.8800

■ 164.7000, 20.6220,
55.8060

■ 249.0610, -1.9700,
-8.3540

■ 149.4160, 24.8380,
67.5100

■ 249.9580, -0.1820,
-7.7180

■ 134.1320, 29.0540,
79.2140

■ 251.1540, 2.2020,
-6.8700

■ 119.4350, 32.9950,
90.3950

■ 252.3500, 4.5860,
-6.0220

■ 104.1510, 37.2110,
102.0990

■ 252.9480, 5.7780,
-5.5980

■ 88.8670, 41.4270,
113.8030

■ 86.5190, 42.5270,
115.8950

Harmonies

Analogous

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



206.9880, -16.9210, 14.8150



209.6660, 7.6530, 21.0050



210.0890, 28.3310, 20.7070

Triad

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



209.6660, 7.6530, 21.0050



205.6550, 31.4080, -7.5360



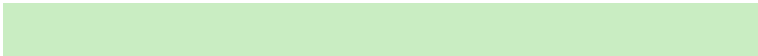
195.4110, -50.1100, -16.9740

Complementary

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



209.6660, 7.6530, 21.0050



221.3340, -7.6530, -21.0050

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.



196.4590, -32.8700, -21.0460



209.6660, 7.6530, 21.0050



203.1040, 13.6660, -16.3980

Square

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



209.6660, 7.6530, 21.0050



207.5950, 40.8050, 3.8850



199.8500, -9.1660, -21.1180



196.9520, -52.7710, -7.2910

Rectangle

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



209.6660, 7.6530, 21.0050



209.1730, 36.7220, 17.3140



199.8500, -9.1660, -21.1180



195.3960, -45.7540, -18.8260

Sweetspot

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



209.6660, 7.6530, 21.0050



246.7710, 2.3830, 6.3750



203.0110, -15.7280, 9.7120



122.7060, 1.0080, 3.7600



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.



209.6660, 7.6530, 21.0050



219.4370, 10.0360, 27.3800



210.1630, 16.3190, 18.1350



109.9450, 1.8330, 5.3290



66.0820, 32.4910, 88.5150



19.6110, 9.4860, 26.3340

Inverse Universe

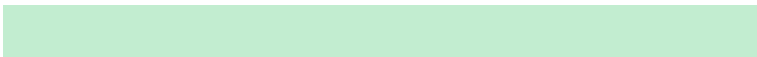
The Inverse Universe completely reimagines the original color for something new.



207.6550, 23.3810, 11.2930



216.7700, 30.4870, 14.6710



220.8370, -16.3190, -18.1350



109.4030, 6.2350, 2.6430



57.4250, 98.5670, 47.3910



17.1720, 29.2950, 14.2470

Previews

White Background



This preview shows how the YIQ color 209.6660, 7.6530, 21.0050 looks on a white background.

Color Contrast Check

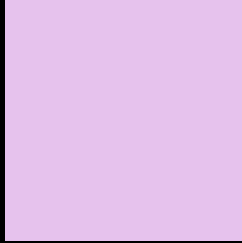
Large Text (above 18pt) WCAG AA × Fail

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 209.6660, 7.6530, 21.0050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

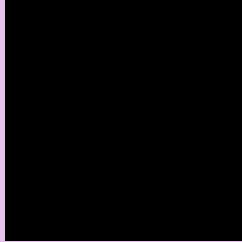
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.6660, 7.6530, 21.0050

Background



This preview shows how black text looks on a background with the YIQ color 209.6660, 7.6530, 21.0050.



This preview shows how white text looks on a background with the YIQ color 209.6660, 7.6530,

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

209.6660, 7.6530, 21.0050

Protanopia

206.7660, -16.4160, 11.1680

Deuteranopia

208.2790, -4.6790, 13.2170



Tritanopia

208.4950, 12.1480, 11.1240

Trichromacy



Original Color

209.6660, 7.6530, 21.0050

Protanomaly

207.6640, -7.2010, 14.8710

Deuteranomaly

208.6110, 0.3180, 16.2700

Tritanomaly

209.1190, 10.4510, 14.3470

Monochromacy



Original Color

209.6660, 7.6530, 21.0050

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7110, 2.6120, 7.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6660, 7.6530, 21.0050 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(230, 194, 237)` looks like.

```
.text, #text, p{  
    color:rgb(230, 194, 237)  
}
```

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(230, 194, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 194, 237) }
```

Border

The CSS property to change the border of an element to YIQ 209.6660, 7.6530, 21.0050 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(230, 194, 237) }
```


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

```
.border{ border-color:rgb(230, 194, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 194, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 194, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 194, 237);  
box-shadow:4px 4px 4px 4px rgb(230, 194,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6660, 7.6530, 21.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 194, 237) }
```

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

```
.background{ background-color: rgb(230,  
194, 237) }
```

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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