

Converting Colors

YIQ(204.9330, 2.1070, 11.3790)

Have a look what the booklet for
YIQ(204.9330, 2.1070, 11.3790)
contains.

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Color

**YIQ(204.9330, 2.1070,
11.3790)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C5DE
RGB	214, 197, 222
RGB Percent	84%, 77%, 87%
CMY	0.1607, 0.2275, 0.1294
CMYK	0.04, 0.11, 0.00, 0.13
HSL	281°, 27%, 82%
HSV	281°, 11%, 87%
XYZ	60.8848, 59.5014, 77.3812
YIQ	204.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

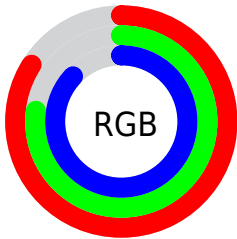
Format	Color
R_{YB}	214, 197, 222
Decimal	14075358
CIE _{Lab}	81.57, 10.47, -10.26
CIE _{LCh}	82, 14.661, 315.579
Yxy	59.5014, 0.3079, 0.3009
Android (android.graphics.Color)	4292265438 (0xFFD6C5DE)
YUV	204.9330, 8.4140, 7.9518
Hunter-Lab	77.1371, 5.9012, -5.4816

Details

The YIQ color $204.9330, 2.1070, 11.3790$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.0670, -2.1070, -11.3790$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4130, 0.2750, 0.5230$, and $150.5200, 1.8320, 10.8560$ is the 20% darker color. If you saturate the color by 10%, you get $189.9260, 3.9850, 21.4010$, and if you desaturate by 10%, it is $219.9400, 0.2290, 1.3570$.

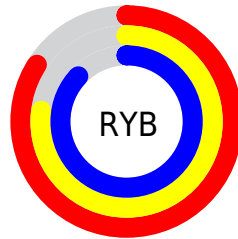
Distribution



Red (84%)

Green (77%)

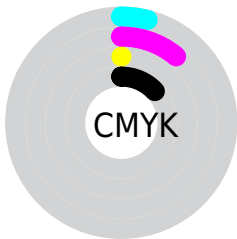
Blue (87%)



Red (84%)

Yellow (77%)

Blue (87%)

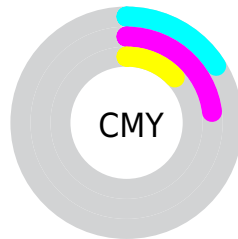


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 204.9330, 2.1070, 11.3790 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 204.9330, 2.1070, 11.3790 by changing the saturation by 10% instead.

■ 204.9330, 2.1070,
11.3790

■ 204.9330, 2.1070,
11.3790

255.0000, -0.0000,
-0.0000

■ 177.5200, 1.8320,
10.8560

254.4130, 0.2750,
0.5230

■ 150.5200, 1.8320,
10.8560

■ 125.1070, 1.5570,
10.3330

■ 99.9930, 1.8780,
10.0220

■ 75.5800, 1.6030,
9.4990

■ 53.1670, 1.3280,
8.9760

■ 31.7540, 1.0530,

8.4530

■ 8.5310, 3.2990,
11.8030

■ 0.0000, 0.0000,
0.0000

■ 204.9330, 2.1070,
11.3790

■ 204.9330, 2.1070,
11.3790

■ 189.9260, 3.9850,
21.4010

■ 219.9400, 0.2290,
1.3570

■ 174.9190, 5.8630,
31.4230

■ 234.9470, -1.6490,
-8.6650

■ 159.3250, 8.0160,
41.9680

■ 245.2580, -1.3270,
-14.5030

■ 144.3180, 9.8940,
51.9900

■ 247.3510, 2.8450,
-13.0190

■ 129.3110, 11.7720,
62.0120

■ 249.4440, 7.0170,
-11.5350

■ 114.0050, 13.0540,
71.8220

■ 251.2380, 10.5930,
-10.2630

■ 98.9980, 14.9320,
81.8440

■ 83.4040, 17.0850,
92.3890

■ 70.4570, 18.7340,
101.0540

Harmonies

Analogous

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



202.9960, -11.3720, 7.8600



204.9330, 2.1070, 11.3790



205.6910, 14.5320, 11.9720

Triad

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



204.9330, 2.1070, 11.3790



203.2440, 19.6240, -3.2240



198.0290, -25.3070, -9.4270

Complementary

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



204.9330, 2.1070, 11.3790



214.0670, -2.1070, -11.3790

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.



198.1240, -15.4490, -11.8730



204.9330, 2.1070, 11.3790



201.4060, 10.1800, -8.2840

Square

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



204.9330, 2.1070, 11.3790



204.7980, 24.1160, 3.4760



199.7680, -2.7030, -11.5910



198.8210, -27.4170, -4.2250

Rectangle

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



204.9330, 2.1070, 11.3790



205.2740, 20.0800, 10.5440



199.7680, -2.7030, -11.5910



198.0570, -22.5100, -10.5580

Sweetspot

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



204.9330, 2.1070, 11.3790



249.7060, 1.0080, 3.7600



204.5460, -10.2250, 3.5910



123.8800, 0.4580, 2.7140



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.



204.9330, 2.1070, 11.3790



230.5790, 3.3440, 16.4960



206.8690, 8.1590, 11.8310



104.6460, 1.2370, 5.1170



55.9440, 15.0240, 80.1760



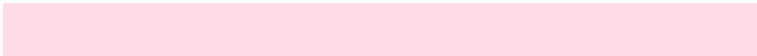
15.3390, 4.2600, 21.9240

Inverse Universe

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



205.3870, 12.3320, 7.7880



231.1320, 17.6040, 11.3640



212.1310, -8.1590, -11.8310



104.7450, 5.2720, 3.5760



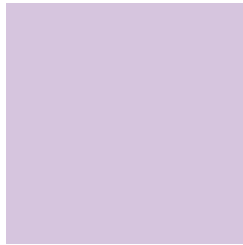
59.0080, 86.9200, 54.7280



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 204.9330, 2.1070, 11.3790 looks on a white background.

Color Contrast Check

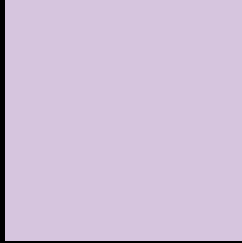
Large Text (above 18pt) WCAG AA × Fail

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 204.9330, 2.1070, 11.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

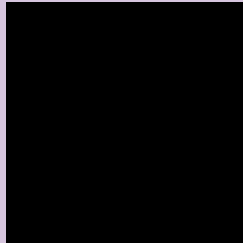
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.9330, 2.1070, 11.3790

Background



This preview shows how black text looks on a background with the YIQ color 204.9330, 2.1070, 11.3790.



This preview shows how white text looks on a background with the YIQ color 204.9330, 2.1070,

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

204.9330, 2.1070, 11.3790

Protanopia

203.4370, -8.3000, 7.2520

Deuteranopia

204.9330, 2.1070, 11.3790



Tritanopia

204.3090, 3.8040, 8.1560

Trichromacy



Original Color

204.9330, 2.1070, 11.3790

Protanomaly

204.2310, -4.7240, 8.5240

Deuteranomaly

204.9330, 2.1070, 11.3790

Tritanomaly

204.6510, 2.8410, 9.0890

Monochromacy



Original Color

204.9330, 2.1070, 11.3790

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.8200, 0.6870, 4.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.9330, 2.1070, 11.3790 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(214, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 197, 222)  
}
```

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(214, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 222) }
```

Border

The CSS property to change the border of an element to YIQ 204.9330, 2.1070, 11.3790 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(214, 197, 222) }
```


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

```
.border{ border-color:rgb(214, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 204.9330, 2.1070, 11.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 222) }
```

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

```
.background{ background-color: rgb(214,  
197, 222) }
```

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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