

Converting Colors

YIQ(212.6120, -1.4230, 9.2730)

Have a look what the booklet for
YIQ(212.6120, -1.4230, 9.2730)
contains.

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Color

**YIQ(212.6120, -1.4230,
9.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	D9CFE6
RGB	217, 207, 230
RGB Percent	85%, 81%, 90%
CMY	0.1490, 0.1882, 0.0981
CMYK	0.06, 0.10, 0.00, 0.10
HSL	266°, 31%, 86%
HSV	266°, 10%, 90%
XYZ	65.2121, 65.0897, 83.9850
YIQ	212.6120, -1.4230, 9.2730

Conversions

Conversions Part 2

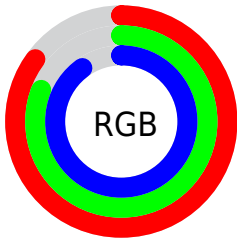
Format	Color
R _Y B	217, 207, 230
Decimal	14274534
CIE Lab	84.53, 7.68, -10.09
CIE LCh	85, 12.679, 307.258
Yxy	65.0897, 0.3043, 0.3038
Android (android.graphics.Color)	4292464614 (0xFFD9CFE6)
YUV	212.6120, 8.5723, 3.8483
Hunter-Lab	80.6782, 3.0945, -5.2455

Details

The YIQ color $212.6120, -1.4230, 9.2730$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.3880, 1.4230, -9.2730$, and the grayscale version is $213.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $158.0850, -1.3770, 8.4390$ is the 20% darker color. If you saturate the color by 10%, you get $195.2240, -2.8460, 18.5460$, and if you desaturate by 10%, it is $230.0000, -0.0000, 0.0000$.

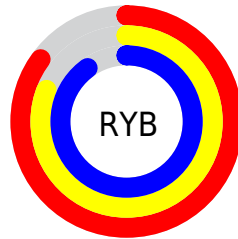
Distribution



Red (85%)

Green (81%)

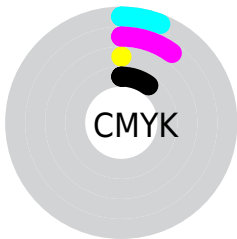
Blue (90%)



Red (85%)

Yellow (81%)

Blue (90%)

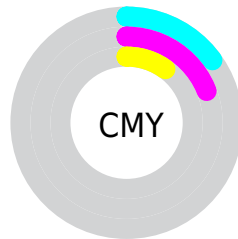


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (15%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.6120, -1.4230, 9.2730 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 212.6120, -1.4230, 9.2730 by changing the saturation by 10% instead.

■ 212.6120, -1.4230,
9.2730

■ 212.6120, -1.4230,
9.2730

255.0000, -0.0000,
-0.0000

■ 184.6120, -1.4230,
9.2730

■ 158.0850, -1.3770,
8.4390

■ 132.0850, -1.3770,
8.4390

■ 106.6720, -1.6520,
7.9160

■ 82.5580, -1.3310,
7.6050

■ 59.4440, -1.0100,
7.2940

■ 38.0310, -1.2850,

6.7710

■ 16.1560, -0.1390,
8.0290

■ 0.2280, -0.6420,
0.6220

■ 212.6120, -1.4230,
9.2730

■ 212.6120, -1.4230,
9.2730

■ 195.2240, -2.8460,
18.5460

■ 230.0000, -0.0000,
0.0000

■ 177.8360, -4.2690,
27.8190

■ 247.3880, 1.4230,
-9.2730

■ 160.4480, -5.6920,
37.0920

■ 252.1500, 8.0250,
-7.7750

■ 143.0600, -7.1150,
46.3650

■ 125.6720, -8.5380,
55.6380

■ 108.2840, -9.9610,
64.9110

■ 90.8960, -11.3840,
74.1840

■ 73.5080, -12.8070,
83.4570

■ 56.1200, -14.2300,
92.7300

Harmonies

Analogous

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



210.9310, -12.7470, 5.2450



212.6120, -1.4230, 9.2730



213.2990, 9.7640, 10.2760

Triad

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



212.6120, -1.4230, 9.2730



211.5260, 18.8900, -0.9340



206.9650, -19.2550, -8.9750

Complementary

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



212.6120, -1.4230, 9.2730



224.3880, 1.4230, -9.2730

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.



207.4020, -10.3600, -10.4880



212.6120, -1.4230, 9.2730



210.3570, 11.8760, -5.9800

Square

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



212.6120, -1.4230, 9.2730



212.7700, 21.3190, 4.6070



209.0890, 0.8270, -9.4850



207.4470, -23.4280, -4.9320

Rectangle

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



212.6120, -1.4230, 9.2730



213.5940, 16.1830, 9.5830



209.0890, 0.8270, -9.4850



207.1070, -16.7790, -9.7950

Sweetspot

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



212.6120, -1.4230, 9.2730



249.1080, -0.1840, 3.3360



217.2530, -10.9580, 0.3540



123.5810, -0.1380, 2.5020



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.



212.6120, -1.4230, 9.2730



231.7200, -1.6070, 12.6090



215.9010, 5.1330, 11.6050



105.8630, -0.8720, 4.7920



43.7280, -10.9710, 72.2050



12.3920, -3.2590, 20.5250

Inverse Universe

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



215.3590, 9.5350, 8.9190



235.3210, 12.6980, 12.1700



221.0990, -5.1330, -11.6050



107.3860, 4.9050, 4.7210



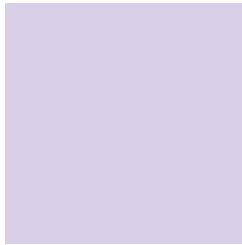
65.0350, 74.2630, 69.3590



18.5550, 21.0870, 19.8310

Previews

White Background



This preview shows how the YIQ color 212.6120, -1.4230, 9.2730 looks on a white background.

Color Contrast Check

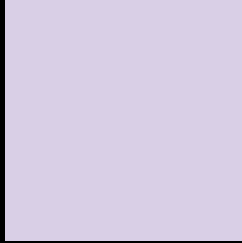
Large Text (above 18pt) WCAG AA × Fail

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 212.6120, -1.4230, 9.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

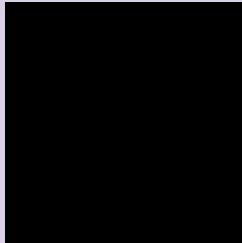
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 212.6120, -1.4230, 9.2730

Background



This preview shows how black text looks on a background with the YIQ color 212.6120, -1.4230, 9.2730.



This preview shows how white text looks on a background with the YIQ color 212.6120, -1.4230,

9.2730.

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

212.6120, -1.4230, 9.2730

Protanopia

212.2090, -7.6580, 6.6300

Deuteranopia

213.2320, 2.7030, 11.5910



Tritanopia

212.2160, -0.3680, 6.6720

Trichromacy



Original Color

212.6120, -1.4230, 9.2730

Protanomaly

212.4050, -5.2740, 7.4780

Deuteranomaly

213.2210, 1.2360, 10.6440

Tritanomaly

212.4440, -1.0100, 7.2940

Monochromacy



Original Color

212.6120, -1.4230, 9.2730

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

212.8090, -0.7800, 3.1240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.6120, -1.4230, 9.2730 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(217, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 230)  
}
```

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(217, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 230) }
```

Border

The CSS property to change the border of an element to YIQ 212.6120, -1.4230, 9.2730 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(217, 207, 230) }
```


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

```
.border{ border-color:rgb(217, 207, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 212.6120, -1.4230, 9.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 230) }
```

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

```
.background{ background-color: rgb(217,  
207, 230) }
```

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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