

Converting Colors

YIQ(202.2940, 0.1330, 25.1330)

Have a look what the booklet for
YIQ(202.2940, 0.1330, 25.1330)
contains.

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Color

**YIQ(202.2940, 0.1330,
25.1330)**

Conversions

Conversions Part 1

Format	Color
Hex	DABAF5
RGB	218, 186, 245
RGB Percent	85%, 73%, 96%
CMY	0.1450, 0.2706, 0.0393
CMYK	0.11, 0.24, 0.00, 0.04
HSL	273°, 75%, 85%
HSV	273°, 24%, 96%
XYZ	62.9578, 56.6139, 93.9863
YIQ	202.2940, 0.1330, 25.1330

Conversions

Conversions Part 2

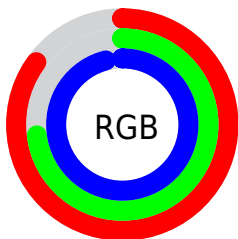
Format	Color
R _{YB}	218, 186, 245
Decimal	14334709
CIE _{Lab}	79.96, 22.22, -24.98
CIE _{LCh}	80, 33.433, 311.663
Yxy	56.6139, 0.2948, 0.2651
Android (android.graphics.Color)	4292524789 (0xFFDABAF5)
YUV	202.2940, 21.0541, 13.7742
Hunter-Lab	75.2422, 17.6833, -21.3906

Details

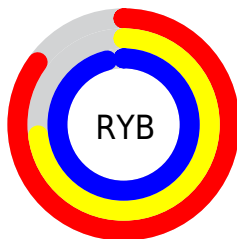
The YIQ color $202.2940, 0.1330, 25.1330$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $228.7060, -0.1330, -25.1330$, and the grayscale version is $202.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.5750, 6.7990$, and $148.3540, -0.0960, 23.7760$ is the 20% darker color. If you saturate the color by 10%, you get $184.3300, 0.4520, 35.8760$, and if you desaturate by 10%, it is $219.6710, 0.0890, 14.9130$.

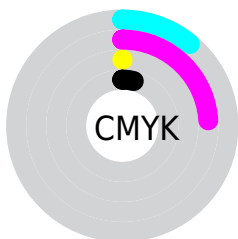
Distribution



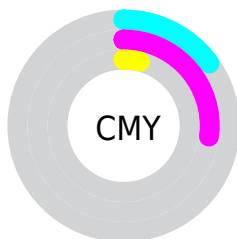
- Red (85%)
- Green (73%)
- Blue (96%)



- Red (85%)
- Yellow (73%)
- Blue (96%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.2940, 0.1330, 25.1330 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 202.2940, 0.1330, 25.1330 by changing the saturation by 10% instead.

■ 202.2940, 0.1330,
25.1330

■ 202.2940, 0.1330,
25.1330

■ 255.0000, -0.0000,
-0.0000

■ 174.7670, 0.1790,
24.2990

■ 247.3690, 3.5750,
6.7990

■ 148.3540, -0.0960,
23.7760

■ 121.8270, -0.0500,
22.9420

■ 97.0010, -0.6000,
21.8960

■ 72.5880, -0.8750,
21.3730

■ 49.6480, -1.1040,
20.0160

■ 27.8220, -1.6540,

18.9700

■ 10.8390, -0.3240,
16.8920

■ 2.5250, -5.7320,
4.7640

■ 202.2940, 0.1330,
25.1330

■ 202.2940, 0.1330,
25.1330

■ 184.3300, 0.4520,
35.8760

■ 219.6710, 0.0890,
14.9130

■ 166.9530, 0.4960,
46.0960

■ 237.6350, -0.2300,
4.1700

■ 148.6900, 0.2190,
56.6270

■ 252.9630, 1.4220,
-3.7460

■ 131.3130, 0.2630,
66.8470

■ 253.8600, 3.2100,
-3.1100

■ 113.3490, 0.5820,
77.5900

■ 95.9720, 0.6260,
87.8100

■ 78.0080, 0.9450,
98.5530

■ 67.6970, 0.6230,
104.3910

Harmonies

Analogous

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



197.3330, -31.1340, 13.5860



202.2940, 0.1330, 25.1330



203.0170, 28.8340, 28.1140

Triad

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



202.2940, 0.1330, 25.1330



198.3530, 44.0620, -5.5860



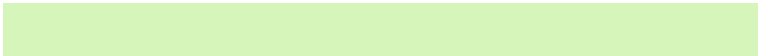
182.4260, -63.6340, -25.1860

Complementary

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



202.2940, 0.1330, 25.1330



228.7060, -0.1330, -25.1330

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.



186.8730, -34.3360, -27.5200



202.2940, 0.1330, 25.1330



195.2100, 24.9910, -17.8970

Square

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



202.2940, 0.1330, 25.1330



199.9170, 51.7620, 9.0580



191.6240, -2.8380, -25.6700



182.1770, -75.6940, -15.8700

Rectangle

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



202.2940, 0.1330, 25.1330



201.5420, 40.2970, 24.1130



191.6240, -2.8380, -25.6700



183.2760, -54.4640, -26.1760

Sweetspot

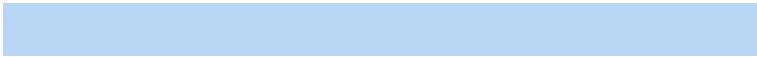
The Sweet Spot groups the original color and five complimentary colors.



202.2940, 0.1330, 25.1330



242.0420, 0.1820, 7.7180



209.1620, -26.6390, 3.7050



120.0480, 0.0450, 4.6930



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.



202.2940, 0.1330, 25.1330



201.3960, 0.0860, 31.4940



210.1390, 16.8670, 30.2350



113.4610, 0.3200, 5.2160



51.4030, 0.4900, 79.2580



16.2940, 0.1330, 25.1330

Inverse Universe

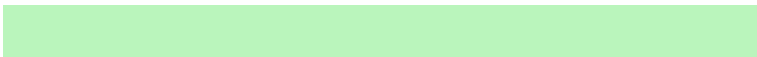
The Inverse Universe completely reimagines the original color for something new.



206.7190, 26.4970, 20.9050



207.0020, 33.1900, 26.2620



220.8610, -16.8670, -30.2350



114.2720, 5.2260, 4.4100



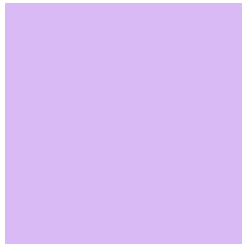
65.3040, 83.5710, 65.8670



20.7190, 26.4970, 20.9050

Previews

White Background



This preview shows how the YIQ color 202.2940, 0.1330, 25.1330 looks on a white background.

Color Contrast Check

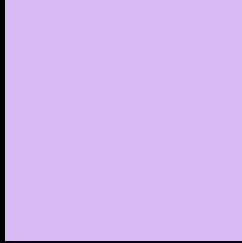
Large Text (above 18pt) WCAG AA × Fail

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 202.2940, 0.1330, 25.1330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

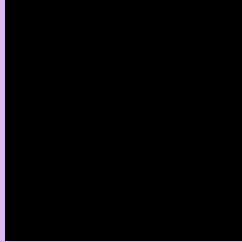
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.2940, 0.1330, 25.1330

Background



This preview shows how black text looks on a background with the YIQ color 202.2940, 0.1330, 25.1330.



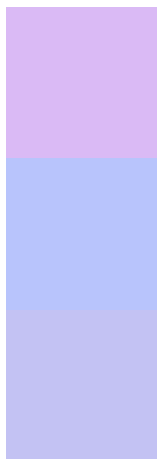
This preview shows how white text looks on a background with the YIQ color 202.2940, 0.1330,

25.1330.

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

202.2940, 0.1330, 25.1330

Protanopia

198.7960, -25.1280, 14.8720

Deuteranopia

199.8850, -15.1330, 15.4510



Tritanopia

200.3910, 6.5090, 8.6930

Trichromacy



Original Color

202.2940, 0.1330, 25.1330

Protanomaly

199.6940, -15.9130, 18.5750

Deuteranomaly

200.6300, -9.8610, 19.0270

Tritanomaly

200.7100, 4.3530, 14.7290

Monochromacy



Original Color

202.2940, 0.1330, 25.1330

Achromatopsia

202.0000, -0.0000, 0.0000

Achromatomaly

202.0960, 0.0900, 9.3860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.2940, 0.1330, 25.1330 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(218, 186, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 245)  
}
```

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(218, 186, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 245) }
```

Border

The CSS property to change the border of an element to YIQ 202.2940, 0.1330, 25.1330 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(218, 186, 245) }
```


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

```
.border{ border-color:rgb(218, 186, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 202.2940, 0.1330, 25.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 245) }
```

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

```
.background{ background-color: rgb(218,  
186, 245) }
```

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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