

Converting Colors

YIQ(212.2720, 5.2260, 4.4100)

Have a look what the booklet for
YIQ(212.2720, 5.2260, 4.4100)
contains.

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Color

**YIQ(212.2720, 5.2260,
4.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD0D6
RGB	220, 208, 214
RGB Percent	86%, 82%, 84%
CMY	0.1372, 0.1843, 0.1608
CMYK	0.00, 0.05, 0.03, 0.14
HSL	330°, 15%, 84%
HSV	330°, 5%, 86%
XYZ	64.2105, 65.1815, 72.8181
YIQ	212.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

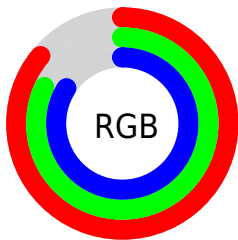
Format	Color
R _Y B	220, 208, 214
Decimal	14471382
CIE Lab	84.58, 5.20, -1.49
CIE LCh	85, 5.412, 344.008
Yxy	65.1815, 0.3175, 0.3223
Android (android.graphics.Color)	4292661462 (0xFFDCD0D6)
YUV	212.2720, 0.8519, 6.7775
Hunter-Lab	80.7350, 0.6789, 3.0386

Details

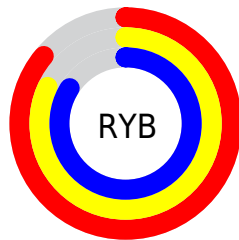
The YIQ color $212.2720, 5.2260, 4.4100$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $215.7280, -5.2260, -4.4100$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $157.8590, 4.9510, 3.8870$ is the 20% darker color. If you saturate the color by 10%, you get $198.1040, 14.8070, 12.4950$, and if you desaturate by 10%, it is $226.4400, -4.3550, -3.6750$.

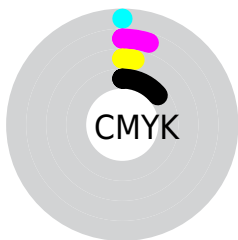
Distribution



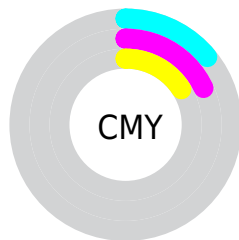
- Red (86%)
- Green (82%)
- Blue (84%)



- Red (86%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.2720, 5.2260, 4.4100 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 212.2720, 5.2260, 4.4100 by changing the saturation by 10% instead.

■ 212.2720, 5.2260,
4.4100

■ 212.2720, 5.2260,
4.4100

255.0000, -0.0000,
-0.0000

■ 184.2720, 5.2260,
4.4100

■ 157.8590, 4.9510,
3.8870

■ 131.8590, 4.9510,
3.8870

■ 106.5600, 4.3550,
3.6750

■ 82.5600, 4.3550,
3.6750

■ 59.2610, 3.7590,
3.4630

■ 37.2610, 3.7590,

3.4630

■ 16.5600, 4.3550,
3.6750

■ 0.0000, 0.0000,
0.0000

■ 212.2720, 5.2260,
4.4100

■ 212.2720, 5.2260,
4.4100

■ 198.1040, 14.8070,
12.4950

■ 226.4400, -4.3550,
-3.6750

■ 183.9360, 24.3880,
20.5800

■ 240.6080,
-13.9360, -11.7600

■ 169.7680, 33.9690,
28.6650

■ 243.6230,
-18.2920, -9.9080

■ 155.6000, 43.5500,
36.7500

■ 244.5350,
-20.8600, -7.4200

■ 141.4320, 53.1310,
44.8350

■ 127.2640, 62.7120,
52.9200

■ 113.0960, 72.2930,
61.0050

■ 98.9280, 81.8740,
69.0900

■ 84.7600, 91.4550,
77.1750

Harmonies

Analogous

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



211.8200, 0.6870, 4.0710



212.2720, 5.2260, 4.4100



212.3000, 8.0230, 3.2790

Triad

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



212.2720, 5.2260, 4.4100



210.4580, 4.4020, -2.6860



210.2700, -9.6280, -1.7240

Complementary

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



212.2720, 5.2260, 4.4100



215.7280, -5.2260, -4.4100

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.



209.4010, -8.6190, -3.4910



212.2720, 5.2260, 4.4100



210.1800, -0.6870, -4.0710

Square

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



212.2720, 5.2260, 4.4100



211.3660, 7.6570, -1.1030



209.7280, -5.2260, -4.4100



210.3350, -8.2530, 0.8910

Rectangle

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



212.2720, 5.2260, 4.4100



211.9580, 8.9860, 2.3460



209.7280, -5.2260, -4.4100



209.8570, -9.9030, -2.2470

Sweetspot

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



212.2720, 5.2260, 4.4100



251.7230, 2.3380, 1.6820



211.1620, -0.2760, 5.0040



126.0110, 1.4670, 0.9470



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.



212.2720, 5.2260, 4.4100



243.4080, 7.8390, 6.6150



211.5880, 7.1520, 2.5440



104.1470, 4.0800, 3.1520



61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Inverse Universe

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



212.2720, 5.2260, 4.4100



243.4080, 7.8390, 6.6150



216.4120, -7.1520, -2.5440



104.1470, 4.0800, 3.1520



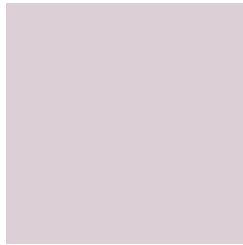
61.6450, 75.1810, 63.7330



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 212.2720, 5.2260, 4.4100 looks on a white background.

Color Contrast Check

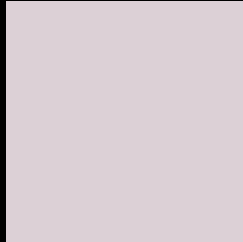
Large Text (above 18pt) WCAG AA × Fail

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 212.2720, 5.2260, 4.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

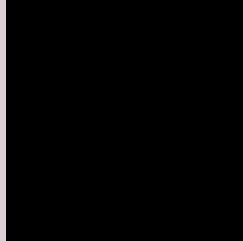
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

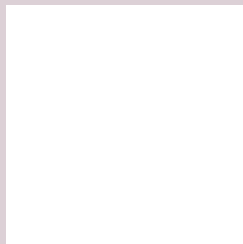
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.2720, 5.2260, 4.4100

Background



This preview shows how black text looks on a background with the YIQ color 212.2720, 5.2260, 4.4100.



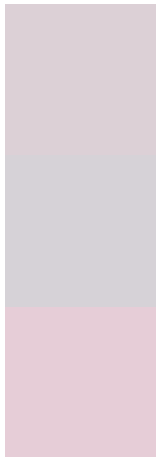
This preview shows how white text looks on a background with the YIQ color 212.2720, 5.2260,

4.4100.

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

212.2720, 5.2260, 4.4100

Protanopia

211.7660, 0.7790, 2.4030

Deuteranopia

213.6150, 11.6900, 8.4100



Tritanopia

213.0100, 3.2080, 7.9440

Trichromacy



Original Color

212.2720, 5.2260, 4.4100

Protanomaly

211.7770, 2.2460, 3.3500

Deuteranomaly

213.0060, 9.0310, 7.0390

Tritanomaly

212.6680, 4.1710, 7.0110

Monochromacy



Original Color

212.2720, 5.2260, 4.4100

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.4240, 1.7420, 1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.2720, 5.2260, 4.4100 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(220, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 208, 214)  
}
```

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(220, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 208, 214) }
```

Border

The CSS property to change the border of an element to YIQ 212.2720, 5.2260, 4.4100 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(220, 208, 214) }
```


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

```
.border{ border-color:rgb(220, 208, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 208,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 212.2720, 5.2260, 4.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 208, 214) }
```

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

```
.background{ background-color: rgb(220,  
208, 214) }
```

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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