

Converting Colors

YIQ(214.1780, 2.7950, 9.9230)

Have a look what the booklet for
YIQ(214.1780, 2.7950, 9.9230)
contains.

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Color

**YIQ(214.1780, 2.7950,
9.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCFE4
RGB	223, 207, 228
RGB Percent	87%, 81%, 89%
CMY	0.1254, 0.1882, 0.1059
CMYK	0.02, 0.09, 0.00, 0.11
HSL	286°, 28%, 85%
HSV	286°, 9%, 89%
XYZ	66.7501, 65.9138, 82.6024
YIQ	214.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

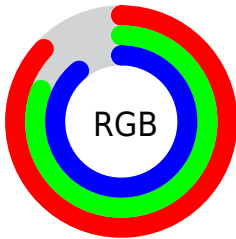
Format	Color
R _Y B	223, 207, 228
Decimal	14667748
CIE Lab	84.95, 9.29, -8.35
CIE LCh	85, 12.495, 318.062
Yxy	65.9138, 0.3101, 0.3062
Android (android.graphics.Color)	4292857828 (0xFFDFCFE4)
YUV	214.1780, 6.8142, 7.7369
Hunter-Lab	81.1873, 4.6801, -3.4922

Details

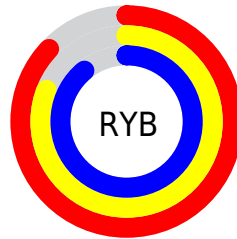
The YIQ color $214.1780, 2.7950, 9.9230$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $220.8220, -2.7950, -9.9230$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $159.7650, 2.5200, 9.4000$ is the 20% darker color. If you saturate the color by 10%, you get $199.1820, 6.1400, 20.8920$, and if you desaturate by 10%, it is $229.1740, -0.5500, -1.0460$.

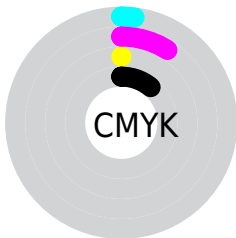
Distribution



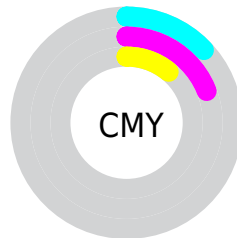
- Red (87%)
- Green (81%)
- Blue (89%)



- Red (87%)
- Yellow (81%)
- Blue (89%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.1780, 2.7950, 9.9230 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 214.1780, 2.7950, 9.9230 by changing the saturation by 10% instead.

■ 214.1780, 2.7950,
9.9230

■ 214.1780, 2.7950,
9.9230

255.0000, -0.0000,
-0.0000

■ 186.1780, 2.7950,
9.9230

■ 159.7650, 2.5200,
9.4000

■ 133.3520, 2.2450,
8.8770

■ 108.2380, 2.5660,
8.5660

■ 83.9390, 1.9700,
8.3540

■ 60.8250, 2.2910,
8.0430

■ 38.4120, 2.0160,

7.5200

■ 17.8250, 2.2910,
8.0430

■ 0.0000, 0.0000,
0.0000

■ 214.1780, 2.7950,
9.9230

■ 214.1780, 2.7950,
9.9230

■ 199.1820, 6.1400,
20.8920

■ 229.1740, -0.5500,
-1.0460

■ 183.8870, 8.8890,
31.6490

■ 244.4690, -3.2990,
-11.8030

■ 169.4780, 11.9590,
42.0950

■ 247.1380, -0.8690,
-11.7890

■ 154.1830, 14.7080,
52.8520

■ 248.9320, 2.7070,
-10.5170

■ 139.1870, 18.0530,
63.8210

■ 250.4270, 5.6870,
-9.4570

■ 124.1910, 21.3980,
74.7900

■ 251.9220, 8.6670,
-8.3970

■ 108.8960, 24.1470,
85.5470

■ 94.4870, 27.2170,
95.9930

■ 79.1920, 29.9660,
106.7500

Harmonies

Analogous

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



213.0240, -8.5750, 6.7290



214.1780, 2.7950, 9.9230



215.0390, 13.4320, 9.8800

Triad

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



214.1780, 2.7950, 9.9230



212.6890, 16.8730, -2.9270



208.2360, -21.4560, -7.6320

Complementary

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



214.1780, 2.7950, 9.9230



220.8220, -2.7950, -9.9230

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.



208.6620, -14.0280, -10.0920



214.1780, 2.7950, 9.9230



211.2640, 7.7040, -7.4640

Square

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



214.1780, 2.7950, 9.9230



213.4170, 20.8150, 2.7270



209.8220, -2.7950, -9.9230



209.3870, -23.1990, -3.5750

Rectangle

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



214.1780, 2.7950, 9.9230



214.4370, 18.0630, 8.5510



209.8220, -2.7950, -9.9230



208.0790, -19.5760, -8.6640

Sweetspot

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



214.1780, 2.7950, 9.9230



249.7060, 1.0080, 3.7600



212.3290, -8.1160, 3.9160



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.



214.1780, 2.7950, 9.9230



236.4710, 3.5280, 13.1600



215.1030, 7.3800, 9.4280



107.0590, 1.5120, 5.6400



61.0700, 23.5970, 84.5010



17.4750, 6.8730, 24.1290

Inverse Universe

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



213.8490, 10.9110, 6.0070



236.1700, 14.4410, 8.1130



219.8970, -7.3800, -9.4280



106.9300, 6.1890, 3.4770



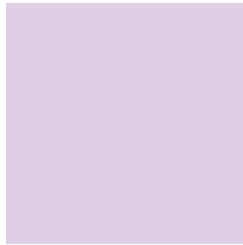
58.3090, 93.2020, 51.0100



16.6170, 26.5440, 14.5440

Previews

White Background



This preview shows how the YIQ color 214.1780, 2.7950, 9.9230 looks on a white background.

Color Contrast Check

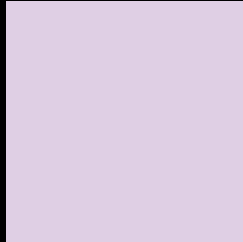
Large Text (above 18pt) WCAG AA × Fail

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 214.1780, 2.7950, 9.9230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

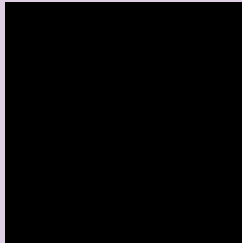
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 214.1780, 2.7950, 9.9230

Background



This preview shows how black text looks on a background with the YIQ color 214.1780, 2.7950, 9.9230.



This preview shows how white text looks on a background with the YIQ color 214.1780, 2.7950,

9.9230.

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

214.1780, 2.7950, 9.9230

Protanopia

213.1660, -6.0990, 5.9090

Deuteranopia

214.1890, 4.2620, 10.8700



Tritanopia

214.0100, 3.2080, 7.9440

Trichromacy



Original Color

214.1780, 2.7950, 9.9230

Protanomaly

213.6610, -3.1190, 6.9690

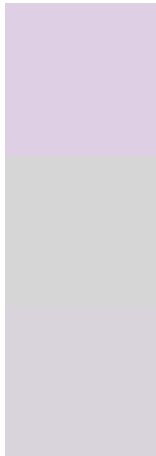
Deuteranomaly

213.8900, 3.6660, 10.6580

Tritanomaly

214.1240, 2.8870, 8.2550

Monochromacy



Original Color

214.1780, 2.7950, 9.9230

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

213.7060, 1.0080, 3.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.1780, 2.7950, 9.9230 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(223, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(223, 207, 228)  
}
```

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(223, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 207, 228) }
```

Border

The CSS property to change the border of an element to YIQ 214.1780, 2.7950, 9.9230 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(223, 207, 228) }
```


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

```
.border{ border-color:rgb(223, 207, 228) }
```

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

Here you see how a box with a 4 pixel rgb(223, 207, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(223, 207,  
228) }
```

Background

The CSS property to change the background color of an element to YIQ 214.1780, 2.7950, 9.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 207, 228) }
```

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

```
.background{ background-color: rgb(223,  
207, 228) }
```

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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