

Converting Colors

YIQ(217.9400, 26.5920, 2.6560)

Have a look what the booklet for
YIQ(217.9400, 26.5920, 2.6560)
contains.

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Color

**YIQ(217.9400, 26.5920,
2.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D1C1
RGB	245, 209, 193
RGB Percent	96%, 82%, 76%
CMY	0.0391, 0.1804, 0.2430
CMYK	0.00, 0.15, 0.21, 0.04
HSL	18°, 72%, 86%
HSV	18°, 21%, 96%
XYZ	70.0887, 68.8610, 60.0671
YIQ	217.9400, 26.5920, 2.6560

Conversions

Conversions Part 2

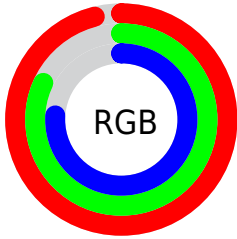
Format	Color
R _Y B	245, 216, 193
Decimal	16110017
CIE Lab	86.44, 10.19, 12.58
CIE LCh	86, 16.193, 50.990
Yxy	68.8610, 0.3522, 0.3460
Android (android.graphics.Color)	4294300097 (0xFFFF5D1C1)
YUV	217.9400, -12.2954, 23.7316
Hunter-Lab	82.9825, 5.5451, 15.1706

Details

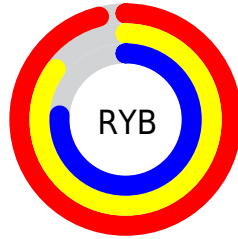
The YIQ color $217.9400, 26.5920, 2.6560$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.0600, -26.5920, -2.6560$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $254.3160, 1.9260, -1.8660$, and $163.0430, 24.8040, 2.0200$ is the 20% darker color. If you saturate the color by 10%, you get $205.2250, 38.9710, 4.0830$, and if you desaturate by 10%, it is $230.7690, 13.8920, 1.5400$.

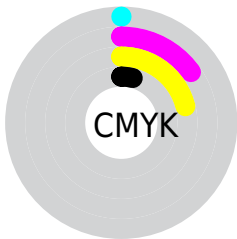
Distribution



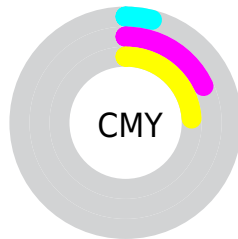
- Red (96%)
- Green (82%)
- Blue (76%)



- Red (96%)
- Yellow (85%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.9400, 26.5920, 2.6560 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 217.9400, 26.5920, 2.6560 by changing the saturation by 10% instead.


 217.9400, 26.5920,
2.6560


 217.9400, 26.5920,
2.6560


255.0000, -0.0000,
-0.0000


 189.7550, 25.6750,
2.7550


 254.3160, 1.9260,
-1.8660

 163.1570, 24.4830,
2.3310

 136.8580, 23.8870,
2.1190

 110.6730, 22.9700,
2.2180

 86.1890, 21.4570,
2.1050

 62.7050, 19.9440,
1.9920

 40.8080, 18.1560,

1.3560

■ 19.5800, 18.7980,
0.7340

■ 0.0000, 0.0000,
0.0000

■ 217.9400, 26.5920,
2.6560

■ 217.9400, 26.5920,
2.6560

■ 205.2250, 38.9710,
4.0830

■ 230.7690, 13.8920,
1.5400

■ 192.3960, 51.6710,
5.1990

■ 243.4840, 1.5130,
0.1130

■ 179.6810, 64.0500,
6.6260

■ 252.0100, -5.9600,
-2.1200

■ 166.8520, 76.7500,
7.7420

■ 154.1370, 89.1290,
9.1690

■ 141.3080,
101.8290, 10.2850

■ 128.5930,
114.2080, 11.7120

■ 117.2800,
125.3950, 12.7150

Harmonies

Analogous

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



218.8570, 25.6280, 9.1160



217.9400, 26.5920, 2.6560



216.4890, 20.3120, -4.6800

Triad

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



217.9400, 26.5920, 2.6560



211.4440, -19.3460, -12.8340



217.2350, -10.5470, 9.4290

Complementary

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



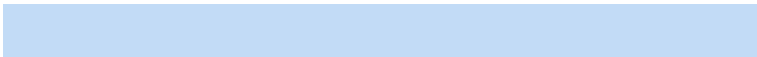
217.9400, 26.5920, 2.6560



220.0600, -26.5920, -2.6560

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.



214.6030, -23.5670, 3.0970



217.9400, 26.5920, 2.6560



210.8760, -29.2500, -9.5540

Square

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



217.9400, 26.5920, 2.6560



212.8600, -5.9580, -13.1740



212.3800, -30.4890, -3.6170



218.9550, 5.0410, 13.2730

Rectangle

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



217.9400, 26.5920, 2.6560



215.2600, 13.5270, -8.3690



212.3800, -30.4890, -3.6170



216.7290, -14.9940, 7.4220

Sweetspot

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



217.9400, 26.5920, 2.6560



246.8330, 7.8400, 1.0880



212.6520, 19.4360, 22.2200



122.8650, 4.8140, 0.8620



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.



217.9400, 26.5920, 2.6560



221.8760, 32.6440, 3.1080



233.2020, 19.4420, -10.9420



115.9360, 6.0520, 0.4520



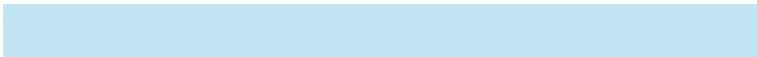
89.0730, 95.1810, 9.6210



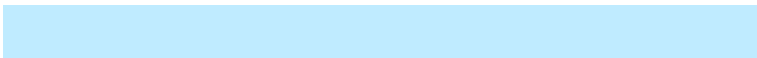
28.2070, 30.2140, 3.0940

Inverse Universe

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



220.0600, -26.5920, -2.6560



224.1240, -32.6440, -3.1080



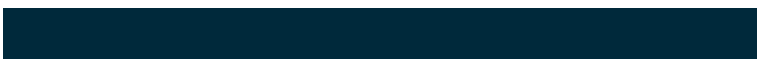
204.7980, -19.4420, 10.9420



116.6510, -6.3270, -0.9750



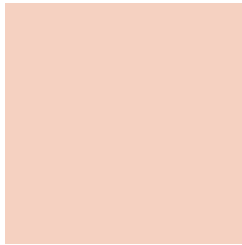
96.9270, -95.1810, -9.6210



30.7930, -30.2140, -3.0940

Previews

White Background



This preview shows how the YIQ color 217.9400, 26.5920, 2.6560 looks on a white background.

Color Contrast Check

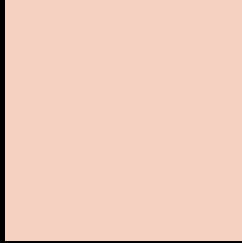
Large Text (above 18pt) WCAG AA × Fail

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 217.9400, 26.5920, 2.6560 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 217.9400, 26.5920, 2.6560

Background



This preview shows how black text looks on a background with the YIQ color 217.9400, 26.5920, 2.6560.



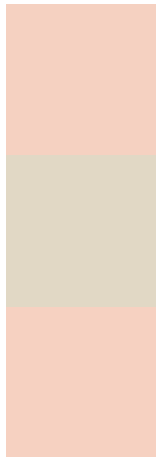
This preview shows how white text looks on a background with the YIQ color 217.9400, 26.5920,

2.6560.

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

217.9400, 26.5920, 2.6560

Protanopia

216.5250, 11.4630, -4.0010

Deuteranopia

218.2390, 27.1880, 2.8680



Tritanopia

219.6810, 20.4920, 14.0920

Trichromacy



Original Color

217.9400, 26.5920, 2.6560

Protanomaly

216.7430, 16.7810, -1.2590

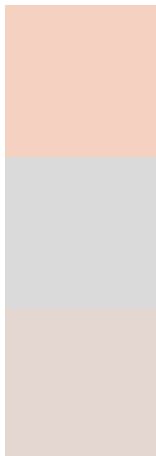
Deuteranomaly

218.2390, 27.1880, 2.8680

Tritanomaly

218.8290, 22.8310, 10.2470

Monochromacy



Original Color

217.9400, 26.5920, 2.6560

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9400, 26.5920, 2.6560 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(245, 209, 193)` looks like.

```
.text, #text, p{  
    color:rgb(245, 209, 193)  
}
```

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(245, 209, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 209, 193) }
```

Border

The CSS property to change the border of an element to YIQ 217.9400, 26.5920, 2.6560 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(245, 209, 193) }
```


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

```
.border{ border-color:rgb(245, 209, 193) }
```

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

Here you see how a box with a 4 pixel rgb(245, 209, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 209, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 209, 193);  
box-shadow:4px 4px 4px 4px rgb(245, 209,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9400, 26.5920, 2.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 209, 193) }
```

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

```
.background{ background-color: rgb(245,  
209, 193) }
```

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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