

Converting Colors

YIQ(219.7520, 29.7570, -5.1470)

Have a look what the booklet for
YIQ(219.7520, 29.7570, -5.1470)
contains.

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Color

**YIQ(219.7520, 29.7570,
-5.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	F5D7B2
RGB	245, 215, 178
RGB Percent	96%, 84%, 70%
CMY	0.0392, 0.1569, 0.3018
CMYK	0.00, 0.12, 0.27, 0.04
HSL	33°, 77%, 83%
HSV	33°, 27%, 96%
XYZ	69.9973, 71.2250, 52.1977
YIQ	219.7520, 29.7570, -5.1470

Conversions

Conversions Part 2

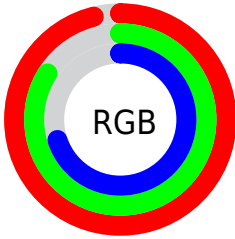
Format	Color
R _Y B	232, 245, 178
Decimal	16111538
CIE Lab	87.59, 5.00, 22.08
CIE LCh	88, 22.641, 77.239
Yxy	71.2250, 0.3619, 0.3682
Android (android.graphics.Color)	4294301618 (0xFFFF5D7B2)
YUV	219.7520, -20.5837, 22.1425
Hunter-Lab	84.3949, 0.3573, 22.4059

Details

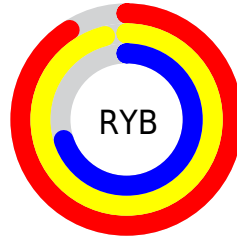
The YIQ color **219.7520, 29.7570, -5.1470** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **203.2480, -29.7570, 5.1470**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6060, 6.7410, -6.5310**, and **164.3820, 27.9230, -4.9490** is the 20% darker color. If you saturate the color by 10%, you get **210.5590, 40.4860, -6.8580**, and if you desaturate by 10%, it is **229.0590, 18.7070, -3.1250**.

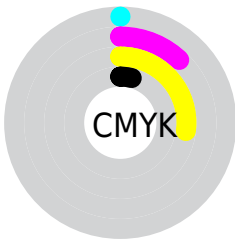
Distribution



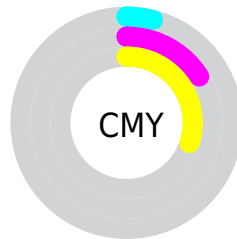
- Red (96%)
- Green (84%)
- Blue (70%)



- Red (91%)
- Yellow (96%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.7520, 29.7570, -5.1470 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 219.7520, 29.7570, -5.1470 by changing the saturation by 10% instead.


 219.7520, 29.7570,
-5.1470


 219.7520, 29.7570,
-5.1470


255.0000, -0.0000,
-0.0000


 191.5670, 28.8400,
-5.0480


 252.6060, 6.7410,
-6.5310

 164.3820, 27.9230,
-4.9490

 137.8980, 26.4100,
-5.0620

 112.7130, 25.4930,
-4.9630

 88.2290, 23.9800,
-5.0760

 64.4460, 21.8710,
-5.4010

 41.7340, 21.0000,

-6.1360

■ 22.2050, 15.3600,
-3.0400

■ 0.0000, 0.0000,
0.0000

■ 219.7520, 29.7570,
-5.1470

■ 219.7520, 29.7570,
-5.1470

■ 210.5590, 40.4860,
-6.8580

■ 229.0590, 18.7070,
-3.1250

■ 201.2520, 51.5360,
-8.8800

■ 238.2520, 7.9780,
-1.4140

■ 192.0590, 62.2650,
-10.5910

■ 247.5590, -3.0720,
0.6080

■ 182.7520, 73.3150,
-12.6130

■ 252.0100, -5.9600,
-2.1200

■ 173.5590, 84.0440,
-14.3240

■ 164.2520, 95.0940,
-16.3460

■ 155.0590,
105.8230, -18.0570

■ 152.5000,
108.8950, -18.6650

Harmonies

Analogous

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



219.8870, 34.1110, 4.0550



219.7520, 29.7570, -5.1470



217.2830, 14.7200, -13.4720

Triad

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



219.7520, 29.7570, -5.1470



210.9560, -41.3990, -15.1510



222.8180, 4.1690, 18.0650

Complementary

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



219.7520, 29.7570, -5.1470



203.2480, -29.7570, 5.1470

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.



219.5380, -15.7740, 10.5460



219.7520, 29.7570, -5.1470



212.8450, -45.1600, -7.5600

Square

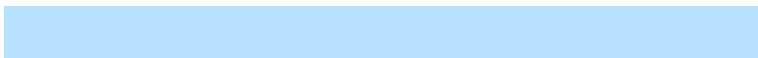
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.7520, 29.7570, -5.1470



212.0470, -25.7180, -18.5020



215.5740, -33.7910, 1.1610



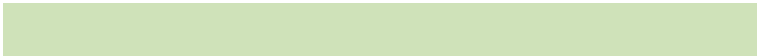
222.8000, 21.7750, 18.3750

Rectangle

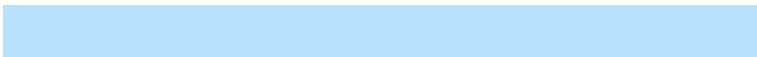
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.7520, 29.7570, -5.1470



215.6450, 1.8370, -16.7790



215.5740, -33.7910, 1.1610



222.1700, -2.7540, 16.8780

Sweetspot

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



219.7520, 29.7570, -5.1470



247.4370, 8.8950, -1.5130



201.4530, 30.3020, 23.5340



122.9960, 5.8230, -0.9050



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.



219.7520, 29.7570, -5.1470



223.1180, 37.4140, -6.2500



236.4650, 19.7190, -21.4730



117.6970, 5.2270, -1.1170



116.0750, 82.5310, -14.4370



36.4250, 26.3640, -4.2280

Inverse Universe

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



203.2480, -29.7570, 5.1470



202.8820, -37.4140, 6.2500



186.5350, -19.7190, 21.4730



114.8900, -5.5020, 0.5940



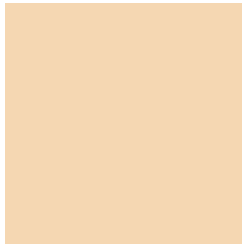
69.9250, -82.5310, 14.4370



21.9880, -26.0890, 4.7510

Previews

White Background



This preview shows how the YIQ color 219.7520, 29.7570, -5.1470 looks on a white background.

Color Contrast Check

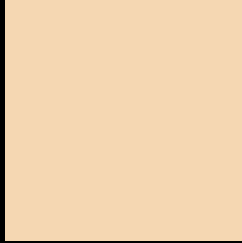
Large Text (above 18pt) WCAG AA × Fail

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 219.7520, 29.7570, -5.1470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

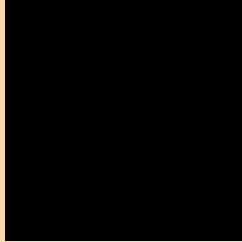
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 219.7520, 29.7570, -5.1470

Background



This preview shows how black text looks on a background with the YIQ color 219.7520, 29.7570, -5.1470.



This preview shows how white text looks on a background with the YIQ color 219.7520, 29.7570,

-5.1470.

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

219.7520, 29.7570, -5.1470

Protanopia

218.4410, 20.2670, -9.3730

Deuteranopia

220.5080, 36.4960, -0.6240



Tritanopia

222.4960, 19.5750, 14.1910

Trichromacy



Original Color

219.7520, 29.7570, -5.1470

Protanomaly

219.2350, 23.8430, -8.1010

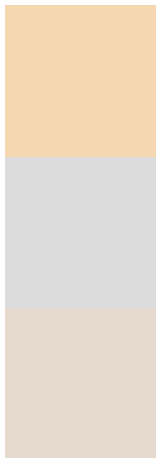
Deuteranomaly

219.8990, 33.8370, -1.9950

Tritanomaly

221.7210, 23.0150, 6.9110

Monochromacy



Original Color

219.7520, 29.7570, -5.1470

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8070, 10.7290, -1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.7520, 29.7570, -5.1470 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, 215, 178)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 178)  
}
```

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, 215, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 178) }
```

Border

The CSS property to change the border of an element to YIQ 219.7520, 29.7570, -5.1470 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, 215, 178) }
```


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

```
.border{ border-color:rgb(245, 215, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 178);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 219.7520, 29.7570, -5.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 178) }
```

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

```
.background{ background-color: rgb(245,  
215, 178) }
```

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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