

Converting Colors

YIQ(218.5930, 25.9510, -2.2490)

Have a look what the booklet for
YIQ(218.5930, 25.9510, -2.2490)
contains.

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Color

**YIQ(218.5930, 25.9510,
-2.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D5BA
RGB	242, 213, 186
RGB Percent	95%, 84%, 73%
CMY	0.0509, 0.1647, 0.2705
CMYK	0.00, 0.12, 0.23, 0.05
HSL	29°, 68%, 84%
HSV	29°, 23%, 95%
XYZ	69.2800, 70.0084, 56.3335
YIQ	218.5930, 25.9510, -2.2490

Conversions

Conversions Part 2

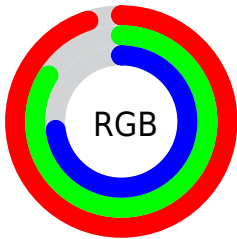
Format	Color
RYB	242, 238, 186
Decimal	15914426
CIELab	87.00, 6.01, 17.03
CIELCh	87, 18.059, 70.561
Yxy	70.0084, 0.3542, 0.3579
Android (android.graphics.Color)	4294104506 (0xFFFF2D5BA)
YUV	218.5930, -16.0683, 20.5279
Hunter-Lab	83.6710, 1.3744, 18.6513

Details

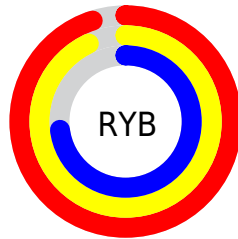
The YIQ color $218.5930, 25.9510, -2.2490$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $209.4070, -25.9510, 2.2490$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $253.5180, 4.1730, -4.0430$, and $163.2230, 24.1170, -2.0510$ is the 20% darker color. If you saturate the color by 10%, you get $208.2260, 37.2300, -2.9140$, and if you desaturate by 10%, it is $228.9600, 14.6720, -1.5840$.

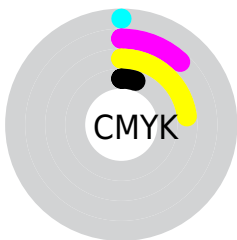
Distribution



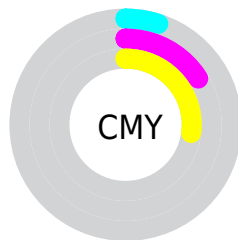
- Red (95%)
- Green (84%)
- Blue (73%)



- Red (95%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.5930, 25.9510, -2.2490 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 218.5930, 25.9510, -2.2490 by changing the saturation by 10% instead.


 218.5930, 25.9510,
-2.2490


 218.5930, 25.9510,
-2.2490

255.0000, -0.0000,
-0.0000


 190.4080, 25.0340,
-2.1500


 253.5180, 4.1730,
-4.0430

 163.2230, 24.1170,
-2.0510

 137.0380, 23.2000,
-1.9520

 111.4400, 22.0080,
-2.3760

 87.2550, 21.0910,
-2.2770

 63.7710, 19.5780,
-2.3900

 41.2870, 18.0650,

-2.5030

■ 21.0310, 15.9100,
-1.9940

■ 0.0000, 0.0000,
0.0000

■ 218.5930, 25.9510,
-2.2490

■ 218.5930, 25.9510,
-2.2490

■ 208.2260, 37.2300,
-2.9140

■ 228.9600, 14.6720,
-1.5840

■ 198.4460, 48.2340,
-4.1020

■ 238.7400, 3.6680,
-0.3960

■ 187.9650, 59.8340,
-5.0780

■ 248.7650, -6.6480,
-0.6640

■ 178.1850, 70.8380,
-6.2660

■ 251.1130, -7.7480,
-2.7560

■ 167.8180, 82.1170,
-6.9310

■ 158.0380, 93.1210,
-8.1190

■ 147.6710,
104.4000, -8.7840

■ 141.0370,
112.0570, -9.8870

Harmonies

Analogous

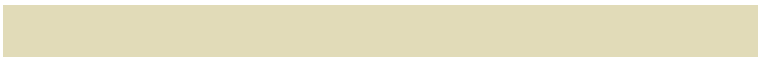
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.7880, 30.0760, 5.5960



218.5930, 25.9510, -2.2490



216.8040, 14.8110, -9.6130

Triad

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



218.5930, 25.9510, -2.2490



211.5830, -29.9830, -12.7910



220.7310, -0.1400, 13.5560

Complementary

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



218.5930, 25.9510, -2.2490



209.4070, -25.9510, 2.2490

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.



217.8860, -16.8740, 8.4540



218.5930, 25.9510, -2.2490



212.6350, -35.7610, -7.1930

Square

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



218.5930, 25.9510, -2.2490



212.6460, -17.0990, -15.0110



215.0150, -30.7190, 0.5530



221.2830, 15.8610, 15.4210

Rectangle

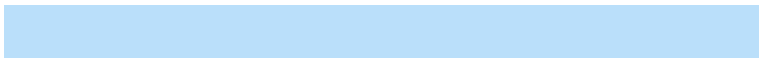
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.5930, 25.9510, -2.2490



215.1340, 4.9540, -12.6940



215.0150, -30.7190, 0.5530



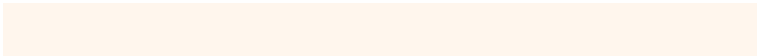
219.5670, -5.5500, 12.4820

Sweetspot

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



218.5930, 25.9510, -2.2490



247.6650, 8.2530, -0.8910



206.1640, 23.7460, 21.2020



123.2240, 5.1810, -0.2830



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.



218.5930, 25.9510, -2.2490



225.1870, 32.9660, -2.7300



234.4420, 18.5260, -16.3700



115.1100, 5.5020, -0.5940



106.6720, 85.4640, -7.0160



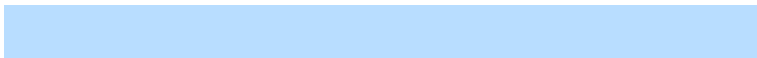
32.5930, 25.9510, -2.2490

Inverse Universe

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



209.4070, -25.9510, 2.2490



213.8130, -32.9660, 2.7300



193.5580, -18.5260, 16.3700



112.8900, -5.5020, 0.5940



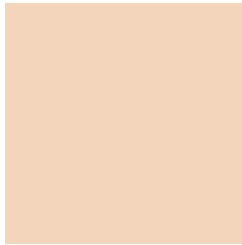
76.7410, -85.1890, 7.5390



23.4070, -25.9510, 2.2490

Previews

White Background



This preview shows how the YIQ color 218.5930, 25.9510, -2.2490 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 218.5930, 25.9510, -2.2490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

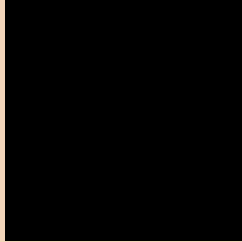
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.5930, 25.9510, -2.2490

Background



This preview shows how black text looks on a background with the YIQ color 218.5930, 25.9510, -2.2490.






This preview shows how white text looks on a background with the YIQ color 218.5930, 25.9510,

-2.2490.

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 218.5930, 25.9510, -2.2490
	Protanopia 217.2820, 16.4610, -6.4750
	Deuteranopia 219.3380, 31.2230, 1.3270



Tritanopia

221.4850, 18.1080, 13.2440

Trichromacy



Original Color

218.5930, 25.9510, -2.2490

Protanomaly

218.0760, 20.0370, -5.2030

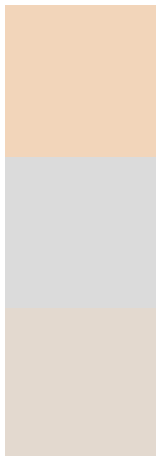
Deuteranomaly

219.0280, 29.1600, 0.1680

Tritanomaly

220.4650, 20.8600, 7.4200

Monochromacy



Original Color

218.5930, 25.9510, -2.2490

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.5930, 25.9510, -2.2490 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(242, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 186)  
}
```

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(242, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 186) }
```

Border

The CSS property to change the border of an element to YIQ 218.5930, 25.9510, -2.2490 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(242, 213, 186) }
```


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

```
.border{ border-color:rgb(242, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 186);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 218.5930, 25.9510, -2.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 186) }
```

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

```
.background{ background-color: rgb(242,  
213, 186) }
```

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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