

Converting Colors

YIQ(239.6520, 26.3220,
-25.5020)

Have a look what the booklet for
YIQ(239.6520, 26.3220, -25.5020)
contains.

YIQ(239.6520, 26.3220, -25.5020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(239.6520, 26.3220,
-25.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F9A7
RGB	249, 249, 167
RGB Percent	98%, 98%, 65%
CMY	0.0236, 0.0235, 0.3449
CMYK	0.00, 0.00, 0.33, 0.02
HSL	60°, 87%, 82%
HSV	60°, 33%, 98%
XYZ	79.9169, 90.6802, 49.8709
YIQ	239.6520, 26.3220, -25.5020

Conversions

Conversions Part 2

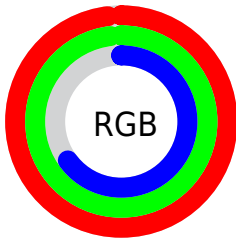
Format	Color
R_{YB}	167, 249, 167
Decimal	16382375
CIE _{Lab}	96.28, -12.04, 39.42
CIE _{LCh}	96, 41.212, 106.980
Yxy	90.6802, 0.3625, 0.4113
Android (android.graphics.Color)	4294572455 (0xFFFF9F9A7)
YUV	239.6520, -35.8174, 8.1982
Hunter-Lab	95.2261, -16.8427, 35.6075

Details

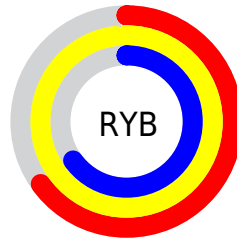
The YIQ color $239.6520, 26.3220, -25.5020$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $176.3480, -26.3220, 25.5020$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.3520, 10.2720, -9.9520$, and $183.3960, 24.1670, -24.9930$ is the 20% darker color. If you saturate the color by 10%, you get $236.8020, 34.3470, -33.2770$, and if you desaturate by 10%, it is $242.5020, 18.2970, -17.7270$.

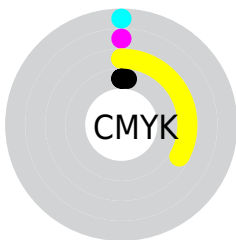
Distribution



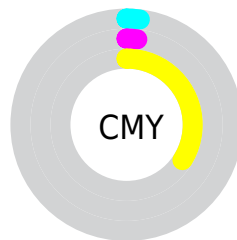
- Red (98%)
- Green (98%)
- Blue (65%)



- Red (65%)
- Yellow (98%)
- Blue (65%)



- Cyan (0%)
- Magenta (0%)
- Yellow (33%)
- Black (2%)





- Cyan (2%)
- Magenta (2%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.6520, 26.3220, -25.5020 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 239.6520, 26.3220, -25.5020 by changing the saturation by 10% instead.


 239.6520, 26.3220,
-25.5020


 239.6520, 26.3220,
-25.5020


255.0000, -0.0000,
-0.0000


 210.8800, 25.6800,
-24.8800


 251.3520, 10.2720,
-9.9520


 183.3960, 24.1670,
-24.9930

 254.6580, 0.9630,
-0.9330

 156.6240, 23.5250,
-24.3710

 129.8520, 22.8830,
-23.7490

 104.2540, 21.6910,
-24.1730

 78.9550, 21.0950,
-24.3850

 56.6820, 17.6100,

-21.7980

■ 36.5920, 9.3560,
-15.3800

■ 15.8710, -4.4910,
-12.2270

■ 239.6520, 26.3220,
-25.5020

■ 239.6520, 26.3220,
-25.5020

■ 236.8020, 34.3470,
-33.2770

■ 242.5020, 18.2970,
-17.7270

■ 233.9520, 42.3720,
-41.0520

■ 245.3520, 10.2720,
-9.9520

■ 231.1020, 50.3970,
-48.8270

■ 248.2020, 2.2470,
-2.1770

■ 228.2520, 58.4220,
-56.6020

■ 249.6840, -1.9260,
1.8660

■ 225.5160, 66.1260,
-64.0660

■ 222.6660, 74.1510,
-71.8410

■ 220.6140, 79.9290,
-77.4390

Harmonies

Analogous

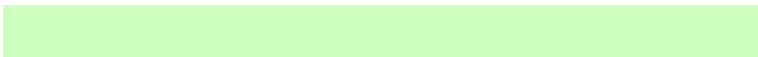
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8150, 33.4730, -17.4310



239.6520, 26.3220, -25.5020



232.2270, -9.2100, -31.3380

Triad

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



239.6520, 26.3220, -25.5020



214.0370, -81.6520, -29.0440



232.1070, 10.7250, 20.3970

Complementary

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



239.6520, 26.3220, -25.5020



176.3480, -26.3220, 25.5020

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.



237.9770, 7.9750, 15.1670



239.6520, 26.3220, -25.5020



226.9160, -53.0900, -18.0340

Square

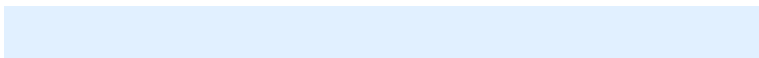
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.6520, 26.3220, -25.5020



214.0370, -81.6520, -29.0440



237.2250, -13.7550, 1.4850



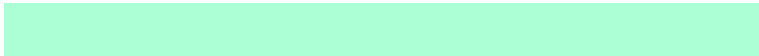
227.8720, 21.2720, 10.9680

Rectangle

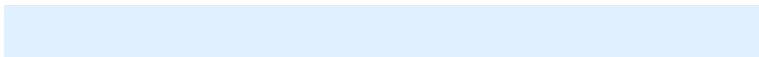
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.6520, 26.3220, -25.5020



225.2810, -35.6650, -30.9690



237.2250, -13.7550, 1.4850



233.8680, 9.9000, 18.8280

Sweetspot

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



239.6520, 26.3220, -25.5020



252.1500, 8.0250, -7.7750



191.5180, 48.8720, 17.3840



125.8770, 4.5400, -5.1880



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

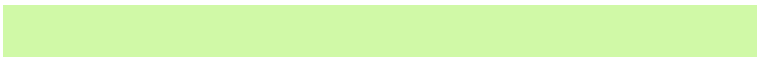
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.6520, 26.3220, -25.5020



243.7140, 31.7790, -30.7890



227.3930, 1.8860, -34.1940



123.5180, 4.1730, -4.0430



167.4540, 60.6690, -58.7790



54.0460, 19.5810, -18.9710

Inverse Universe

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



176.3480, -26.3220, 25.5020



167.2860, -31.7790, 30.7890



188.6070, -1.8860, 34.1940



113.4820, -4.1730, 4.0430



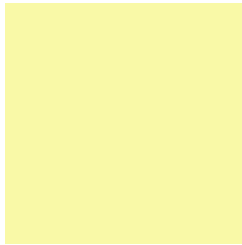
21.5460, -60.6690, 58.7790



6.9540, -19.5810, 18.9710

Previews

White Background



This preview shows how the YIQ color 239.6520, 26.3220, -25.5020 looks on a white background.

Color Contrast Check

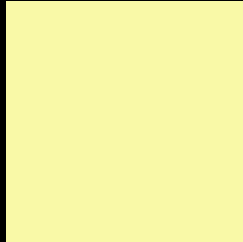
Large Text (above 18pt) WCAG AA × Fail

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 239.6520, 26.3220, -25.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

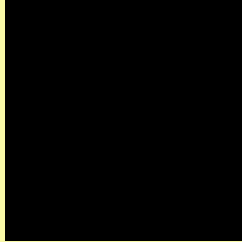
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.6520, 26.3220, -25.5020

Background



This preview shows how black text looks on a background with the YIQ color 239.6520, 26.3220, -25.5020.



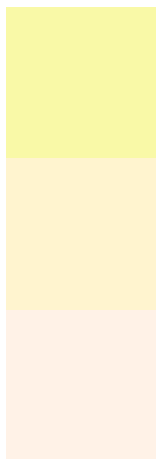
This preview shows how white text looks on a background with the YIQ color 239.6520, 26.3220,

-25.5020.

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

239.6520, 26.3220, -25.5020

Protanopia

243.0710, 18.4330, -9.1750

Deuteranopia

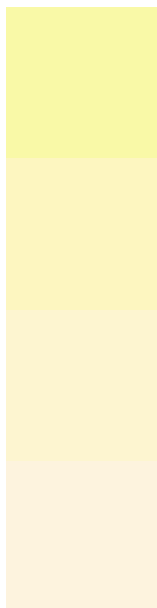
244.6330, 11.2790, -0.6650



Tritanopia

245.9670, 4.7670, 7.2230

Trichromacy



Original Color

239.6520, 26.3220, -25.5020

Protanomaly

241.9370, 21.5060, -15.3100

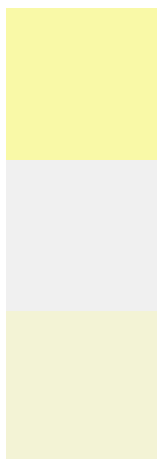
Deuteranomaly

243.1740, 16.6450, -9.8110

Tritanomaly

243.5960, 12.7010, -4.4110

Monochromacy



Original Color

239.6520, 26.3220, -25.5020

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.5800, 9.6300, -9.3300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.6520, 26.3220, -25.5020 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(249, 249, 167)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 167)  
}
```

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(249, 249, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 167) }
```

Border

The CSS property to change the border of an element to YIQ 239.6520, 26.3220, -25.5020 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(249, 249, 167) }
```


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

```
.border{ border-color:rgb(249, 249, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 249, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 167);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 239.6520, 26.3220, -25.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 249, 167) }
```

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

```
.background{ background-color: rgb(249,  
249, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor