

# Converting Colors

YIQ(240.6520, 26.3220,  
-25.5020)

Have a look what the booklet for  
YIQ(240.6520, 26.3220, -25.5020)  
contains.

<b>YIQ(240.6520, 26.3220, -25.5020)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(240.6520, 26.3220,  
-25.5020)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAFAA8
RGB	250, 250, 168
RGB Percent	98%, 98%, 66%
CMY	0.0197, 0.0196, 0.3410
CMYK	0.00, 0.00, 0.33, 0.02
HSL	60°, 89%, 82%
HSV	60°, 33%, 98%
XYZ	80.6771, 91.5214, 50.4800
YIQ	240.6520, 26.3220, -25.5020

# Conversions

## Conversions Part 2

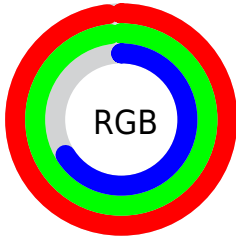
Format	Color
R <sub>Y</sub> B	168, 250, 168
Decimal	16448168
CIE Lab	96.62, -12.04, 39.39
CIE LCh	97, 41.185, 106.992
Yxy	91.5214, 0.3623, 0.4110
Android (android.graphics.Color)	4294638248 (0xFFFAFAA8)
YUV	240.6520, -35.8174, 8.1982
Hunter-Lab	95.6668, -16.8855, 35.6816

# Details

The YIQ color  $240.6520, 26.3220, -25.5020$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $177.3480, -26.3220, 25.5020$ , and the grayscale version is  $241.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $251.4660, 9.9510, -9.6410$ , and  $184.3960, 24.1670, -24.9930$  is the 20% darker color. If you saturate the color by 10%, you get  $237.8020, 34.3470, -33.2770$ , and if you desaturate by 10%, it is  $243.5020, 18.2970, -17.7270$ .

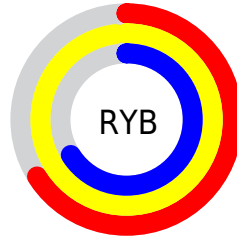
# Distribution



Red (98%)

Green (98%)

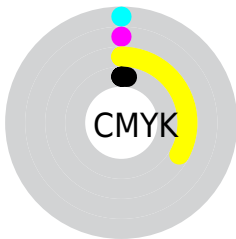
Blue (66%)



Red (66%)

Yellow (98%)

Blue (66%)

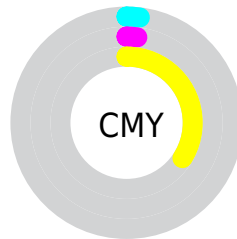


Cyan (0%)

Magenta (0%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 240.6520, 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 240.6520, 26.3220, -25.5020 by changing the saturation by 10% instead.



240.6520, 26.3220,  
-25.5020

240.6520, 26.3220,  
-25.5020

255.0000, -0.0000,  
-0.0000

211.8800, 25.6800,  
-24.8800

251.4660, 9.9510,  
-9.6410

184.3960, 24.1670,  
-24.9930

254.7720, 0.6420,  
-0.6220

156.9230, 24.1210,  
-24.1590

130.5530, 22.2870,  
-23.9610

105.2540, 21.6910,  
-24.1730

79.9550, 21.0950,  
-24.3850

57.5680, 17.9310,

-22.1090

■ 37.4780, 9.6770,  
-15.6910

■ 16.4690, -3.2990,  
-11.8030

■ 240.6520, 26.3220,  
-25.5020

■ 240.6520, 26.3220,  
-25.5020

■ 237.8020, 34.3470,  
-33.2770

■ 243.5020, 18.2970,  
-17.7270

■ 234.9520, 42.3720,  
-41.0520

■ 246.3520, 10.2720,  
-9.9520

■ 232.1020, 50.3970,  
-48.8270

■ 249.2020, 2.2470,  
-2.1770

■ 229.2520, 58.4220,  
-56.6020

■ 250.5700, -1.6050,  
1.5550

■ 226.4020, 66.4470,  
-64.3770

■ 223.5520, 74.4720,  
-72.1520

■ 221.5000, 80.2500,  
-77.7500

# Harmonies

## Analogous

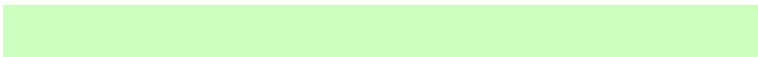
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.5160, 32.8770, -17.6430



240.6520, 26.3220, -25.5020



232.6400, -8.9350, -30.8150

# Triad

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



240.6520, 26.3220, -25.5020



214.3360, -81.0560, -28.8320



232.6940, 10.4500, 19.8740

# Complementary

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



240.6520, 26.3220, -25.5020



177.3480, -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.



238.5640, 7.7000, 14.6440



240.6520, 26.3220, -25.5020



227.8020, -52.7690, -18.3450

# Square

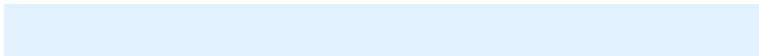
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.6520, 26.3220, -25.5020



214.3360, -81.0560, -28.8320



238.1110, -13.4340, 1.1740



228.5730, 20.6760, 10.7560

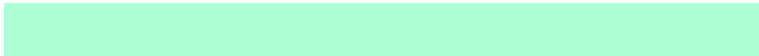


# Rectangle

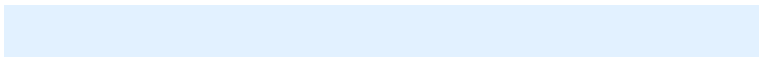
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.6520, 26.3220, -25.5020



225.6940, -35.3900, -30.4460



238.1110, -13.4340, 1.1740



234.4550, 9.6250, 18.3050

# Sweetspot

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



240.6520, 26.3220, -25.5020



252.1500, 8.0250, -7.7750



192.5180, 48.8720, 17.3840



125.8770, 4.5400, -5.1880



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

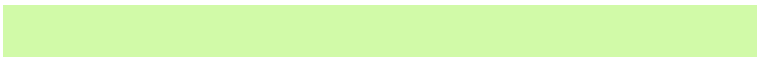
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.6520, 26.3220, -25.5020



243.7140, 31.7790, -30.7890



228.3930, 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.



177.3480, -26.3220, 25.5020



167.2860, -31.7790, 30.7890



189.6070, -1.8860, 34.1940



113.4820, -4.1730, 4.0430



21.5460, -60.6690, 58.7790

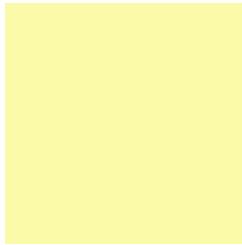


6.9540, -19.5810, 18.9710



# Previews

## White Background



This preview shows how the YIQ color 240.6520, 26.3220, -25.5020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

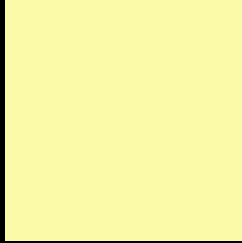
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 240.6520, 26.3220, -25.5020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

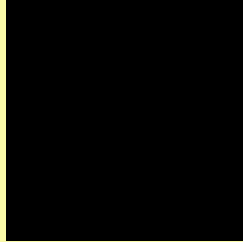
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 240.6520, 26.3220, -25.5020

## Background



This preview shows how black text looks on a background with the YIQ color 240.6520, 26.3220, -25.5020.



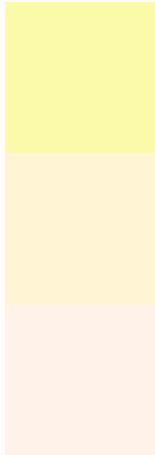
This preview shows how white text looks on a background with the YIQ color 240.6520, 26.3220, -25.5020.

-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

240.6520, 26.3220, -25.5020

### Protanopia

244.2280, 16.5530, -8.1430

### Deuteranopia

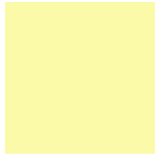
245.4480, 10.3620, -0.5660



## Tritanopia

246.5540, 4.4920, 6.7000

# Trichromacy



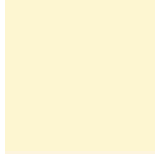
## Original Color

240.6520, 26.3220, -25.5020



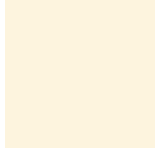
## Protanomaly

242.9800, 19.9470, -14.5890



## Deuteranomaly

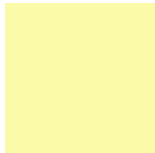
243.8750, 16.0490, -10.0230



## Tritanomaly

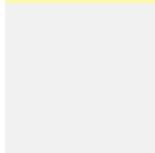
244.1830, 12.4260, -4.9340

# Monochromacy



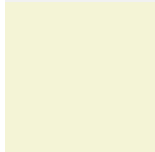
## Original Color

240.6520, 26.3220, -25.5020



## Achromatopsia

241.0000, -0.0000, -0.0000



## Achromatomaly

240.5800, 9.6300, -9.3300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 240.6520, 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(250, 250, 168)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 168)  
}
```

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(250, 250, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 168) }
```

## Border

The CSS property to change the border of an element to YIQ 240.6520, 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(250, 250, 168) }
```



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

```
.border{ border-color:rgb(250, 250, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 168);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
168) }
```

# Background

The CSS property to change the background color of an element to YIQ 240.6520, 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(250, 250, 168) }
```

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

```
.background{ background-color: rgb(250,  
250, 168) }
```

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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