

# Converting Colors

YIQ(252.6920, 3.6230, -5.0890)

Have a look what the booklet for  
YIQ(252.6920, 3.6230, -5.0890)  
contains.

<b>YIQ(252.6920, 3.6230, -5.0890)</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(252.6920, 3.6230,  
-5.0890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>FDFFF0</code>
RGB	<code>253, 255, 240</code>
RGB Percent	<code>99%, 100%, 94%</code>
CMY	<code>0.0079, 0.0000, 0.0588</code>
CMYK	<code>0.01, 0.00, 0.06, 0.00</code>
HSL	<code>68°, 100%, 97%</code>
HSV	<code>68°, 6%, 100%</code>
XYZ	<code>91.9959, 98.6936, 96.6443</code>
YIQ	<code>252.6920, 3.6230, -5.0890</code>

# Conversions

## Conversions Part 2

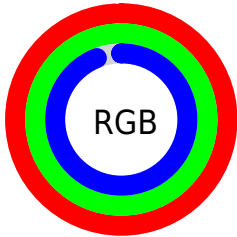
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 255, 242
Decimal	16646128
CIE <sub>Lab</sub>	99.49, -3.22, 6.92
CIE <sub>LCh</sub>	99, 7.632, 114.970
Yxy	98.6936, 0.3202, 0.3435
Android (android.graphics.Color)	4294836208 (0xFFFFDFFF0)
YUV	252.6920, -6.2572, 0.2701
Hunter-Lab	99.3447, -8.5573, 11.8629

# Details

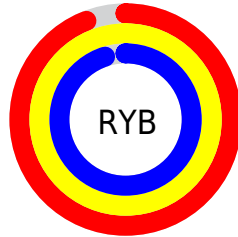
The YIQ color 252.6920, 3.6230, -5.0890 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 242.3080, -3.6230, 5.0890, and the grayscale version is 253.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 195.8060, 3.3020, -4.7780 is the 20% darker color. If you saturate the color by 10%, you get 248.9450, 9.8600, -13.5000, and if you desaturate by 10%, it is 255.0000, -0.0000, -0.0000.

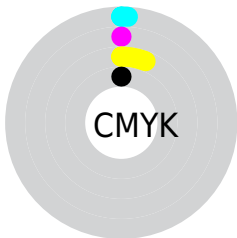
# Distribution



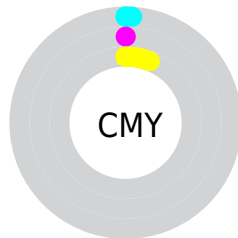
- Red (99%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (95%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 252.6920, 3.6230, -5.0890 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 252.6920, 3.6230, -5.0890 by changing the saturation by 10% instead.





 252.6920, 3.6230,  
-5.0890


 252.6920, 3.6230,  
-5.0890

255.0000, -0.0000,  
-0.0000


 223.8060, 3.3020,  
-4.7780

 195.8060, 3.3020,  
-4.7780

 168.8060, 3.3020,  
-4.7780

 142.8060, 3.3020,  
-4.7780

 116.9200, 2.9810,  
-4.4670

 92.0340, 2.6600,  
-4.1560

 69.0340, 2.6600,

-4.1560

■ 46.4470, 2.9350,  
-3.6330

■ 25.4470, 2.9350,  
-3.6330

■ 252.6920, 3.6230,  
-5.0890

■ 252.6920, 3.6230,  
-5.0890

■ 248.9450, 9.8600,  
-13.5000

255.0000, -0.0000,  
-0.0000

■ 244.7850, 15.8220,  
-22.4340

■ 241.0380, 22.0590,  
-30.8450

■ 236.8780, 28.0210,  
-39.7790

■ 233.1310, 34.2580,  
-48.1900

■ 229.2700, 40.8160,  
-56.9120

■ 225.2240, 46.4570,  
-65.5350

■ 221.3630, 53.0150,  
-74.2570

■ 217.3170, 58.6560,  
-82.8800

# Harmonies

## Analogous

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



252.0020, 5.6860, -3.9300



252.6920, 3.6230, -5.0890



250.5710, -3.3460, -5.4420

# Triad

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



252.6920, 3.6230, -5.0890



249.9170, -10.1320, -3.6040



251.4780, 1.6500, 3.1380

# Complementary

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



252.6920, 3.6230, -5.0890



242.3080, -3.6230, 5.0890

# Split Complementary

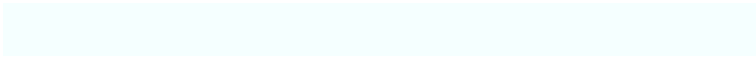
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



252.0650, 1.3750, 2.6150



252.6920, 3.6230, -5.0890



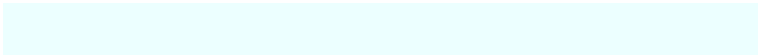
252.0100, -5.9600, -2.1200

# Square

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



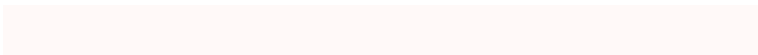
252.6920, 3.6230, -5.0890



249.3190, -11.3240, -4.0280



252.9400, 0.2290, 1.3570



250.6800, 3.8970, 0.9610

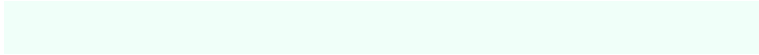


# Rectangle

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



252.6920, 3.6230, -5.0890



249.8310, -7.0140, -5.0460



252.9400, 0.2290, 1.3570



251.4780, 1.6500, 3.1380

# Sweetspot

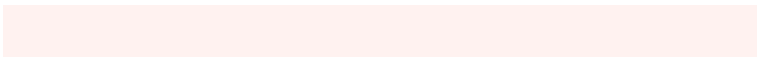
The Sweet Spot groups the original color and five complimentary colors.



252.6920, 3.6230, -5.0890



254.1310, 1.0090, -1.7670



245.6590, 8.3900, 2.1340



127.3590, 0.3670, -1.1450



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

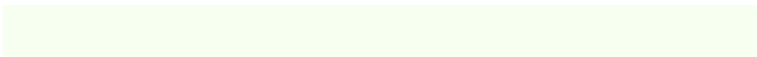
The Same Dimension uses a secret algorithm to generate beautiful new colors.



252.6920, 3.6230, -5.0890



252.3500, 4.5860, -6.0220



250.5990, -0.5490, -6.5730



126.1480, 2.3390, -3.8450



161.7510, 46.4110, -64.7010



54.0130, 15.1800, -21.8120



# Inverse Universe

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



242.3080, -3.6230, 5.0890



239.9490, -3.9900, 6.2340



244.7000, 1.1450, 6.7850



118.8520, -2.3390, 3.8450



29.5480, -45.8150, 64.9130



9.9870, -15.1800, 21.8120



# Previews

## White Background



This preview shows how the YIQ color 252.6920, 3.6230, -5.0890 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

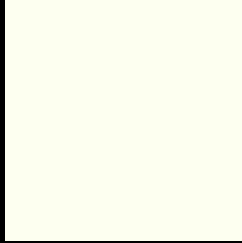
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 252.6920, 3.6230, -5.0890 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

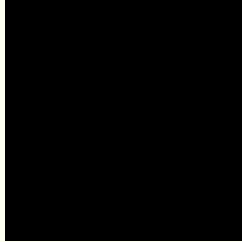
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 252.6920, 3.6230, -5.0890**

## **Background**



This preview shows how black text looks on a background with the YIQ color 252.6920, 3.6230, -5.0890.



This preview shows how white text looks on a background with the YIQ color 252.6920, 3.6230, -5.0890.

-5.0190.

# 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

252.6920, 3.6230, -5.0890



### Protanopia

253.3700, 1.8340, -0.1980



### Deuteranopia

253.5980, 1.1920, 0.4240

## **Tritanopia**

253.5270, -0.0460, 0.8340

# Trichromacy

## Original Color

252.6920, 3.6230, -5.0890

## Protanomaly

253.2020, 2.2470, -2.1770

## Deuteranomaly

253.3160, 1.9260, -1.8660

## Tritanomaly

253.5440, 1.2840, -1.2440

# Monochromacy

## Original Color

252.6920, 3.6230, -5.0890

## Achromatopsia

253.0000, -0.0000, -0.0000

## Achromatomaly

253.0170, 1.3300, -2.0780

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 252.6920, 3.6230, -5.0890 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(253, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 240)  
}
```

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(253, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 240) }
```

## Border

The CSS property to change the border of an element to YIQ 252.6920, 3.6230, -5.0890 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(253, 255, 240) }
```



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

```
.border{ border-color:rgb(253, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
240) }
```

# Background

The CSS property to change the background color of an element to YIQ 252.6920, 3.6230, -5.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 240) }
```

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

```
.background{ background-color: rgb(253,  
255, 240) }
```

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