

Converting Colors

YIQ(239.3260, 30.3560,
-21.5160)

Have a look what the booklet for
YIQ(239.3260, 30.3560, -21.5160)
contains.

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Color

**YIQ(239.3260, 30.3560,
-21.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF5A9
RGB	255, 245, 169
RGB Percent	100%, 96%, 66%
CMY	0.0000, 0.0392, 0.3371
CMYK	0.00, 0.04, 0.34, 0.00
HSL	53°, 100%, 83%
HSV	53°, 34%, 100%
XYZ	81.0546, 89.4273, 50.5478
YIQ	239.3260, 30.3560, -21.5160

Conversions

Conversions Part 2

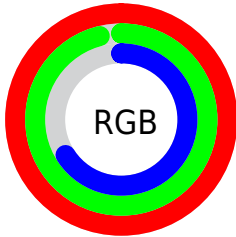
Format	Color
R _Y B	180, 255, 169
Decimal	16774569
CIE Lab	95.76, -7.57, 37.83
CIE LCh	96, 38.575, 101.314
Yxy	89.4273, 0.3667, 0.4046
Android (android.graphics.Color)	4294964649 (0xFFFFF5A9)
YUV	239.3260, -34.6707, 13.7461
Hunter-Lab	94.5660, -12.4943, 34.5043

Details

The YIQ color **239.3260, 30.3560, -21.5160** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **184.6740, -30.3560, 21.5160**, and the grayscale version is **240.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **251.5800, 9.6300, -9.3300**, and **183.0700, 28.2010, -21.0070** is the 20% darker color. If you saturate the color by 10%, you get **234.7150, 39.2060, -27.7220**, and if you desaturate by 10%, it is **244.0510, 21.1850, -14.9990**.

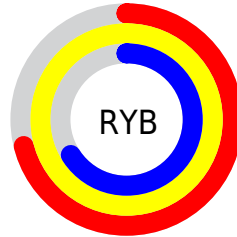
Distribution



Red (100%)

Green (96%)

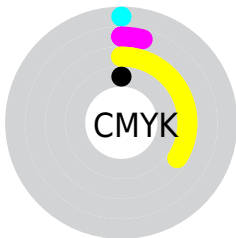
Blue (66%)



Red (71%)

Yellow (100%)

Blue (66%)

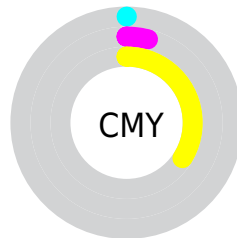


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.3260, 30.3560, -21.5160 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 239.3260, 30.3560, -21.5160 by changing the saturation by 10% instead.

239.3260, 30.3560,
-21.5160

239.3260, 30.3560,
-21.5160

255.0000, -0.0000,
-0.0000

211.1410, 29.4390,
-21.4170

251.5800, 9.6300,
-9.3300

183.0700, 28.2010,
-21.0070

254.8860, 0.3210,
-0.3110

155.9990, 26.9630,
-20.5970

129.8140, 26.0460,
-20.4980

104.3300, 24.5330,
-20.6110

79.0310, 23.9370,
-20.8230

56.4160, 21.4150,

-19.1690

■ 36.3260, 13.1610,
-12.7510

■ 16.8010, 1.6980,
-8.7500

■ 239.3260, 30.3560,
-21.5160

■ 239.3260, 30.3560,
-21.5160

■ 234.7150, 39.2060,
-27.7220

■ 244.0510, 21.1850,
-14.9990

■ 229.9900, 48.3770,
-34.2390

■ 248.6620, 12.3350,
-8.7930

■ 225.3790, 57.2270,
-40.4450

■ 253.3870, 3.1640,
-2.2760

■ 220.6540, 66.3980,
-46.9620

■ 255.0000, -0.0000,
-0.0000

■ 216.0430, 75.2480,
-53.1680

■ 211.3180, 84.4190,
-59.6850

■ 208.3200, 90.1050,
-63.6150

Harmonies

Analogous

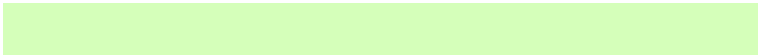
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.1510, 32.6470, -13.4730



239.3260, 30.3560, -21.5160



234.5760, -2.8830, -30.3630

Triad

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



239.3260, 30.3560, -21.5160



216.4290, -76.8840, -27.3480



233.2810, 10.1750, 19.3510

Complementary

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



239.3260, 30.3560, -21.5160



184.6740, -30.3560, 21.5160

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.



239.1510, 7.4250, 14.1210



239.3260, 30.3560, -21.5160



225.7200, -55.4740, -18.8820

Square

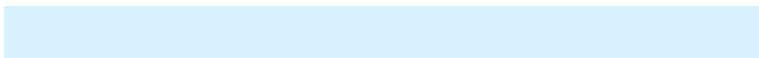
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.3260, 30.3560, -21.5160



218.5220, -72.7120, -25.8640



234.8220, -19.9900, -1.1580



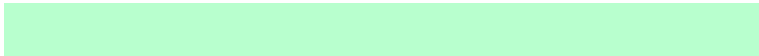
228.6700, 19.0250, 13.1450

Rectangle

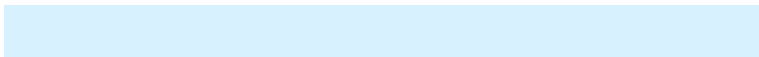
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.3260, 30.3560, -21.5160



228.1850, -26.5870, -30.2910



234.8220, -19.9900, -1.1580



235.0420, 9.3500, 17.7820

Sweetspot

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



239.3260, 30.3560, -21.5160



250.3890, 8.8500, -6.2060



195.8540, 48.0460, 21.3420



125.0020, 5.6860, -3.9300



0.0000, 0.0000, 0.0000



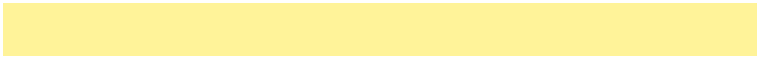
128.0000, -0.0000, -0.0000

Same Dimension

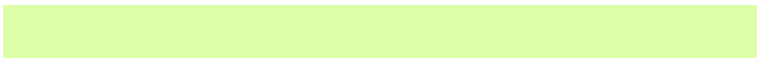
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.3260, 30.3560, -21.5160



236.3280, 36.0420, -25.4460



235.3290, 7.9380, -33.7420



125.3440, 4.7230, -2.9970



156.3120, 67.3610, -47.8950



52.0080, 22.7440, -15.7200

Inverse Universe

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



184.6740, -30.3560, 21.5160



171.6720, -36.0420, 25.4460



188.6710, -7.9380, 33.7420



117.0690, -4.4480, 3.5200



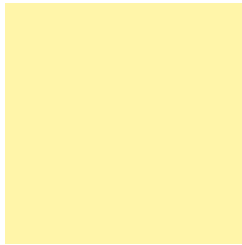
34.6880, -67.3610, 47.8950



11.4050, -22.4690, 16.2430

Previews

White Background



This preview shows how the YIQ color 239.3260, 30.3560, -21.5160 looks on a white background.

Color Contrast Check

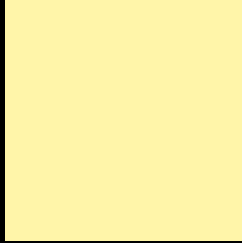
Large Text (above 18pt) WCAG AA × Fail

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 239.3260, 30.3560, -21.5160 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 239.3260, 30.3560, -21.5160

Background



This preview shows how black text looks on a background with the YIQ color 239.3260, 30.3560, -21.5160.



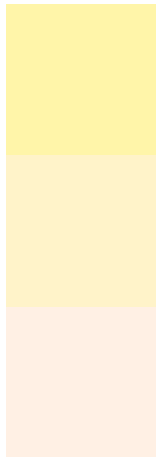
This preview shows how white text looks on a background with the YIQ color 239.3260, 30.3560,

-21.5160.

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

239.3260, 30.3560, -21.5160

Protanopia

241.8000, 20.6340, -10.5180

Deuteranopia

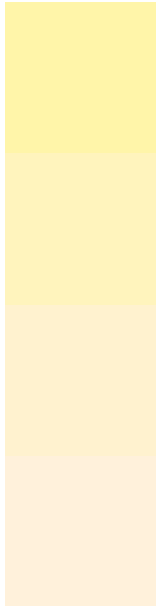
243.1170, 12.7920, -0.5520



Tritanopia

244.2230, 6.9220, 6.7140

Trichromacy



Original Color

239.3260, 30.3560, -21.5160

Protanomaly

241.0190, 24.2110, -14.7730

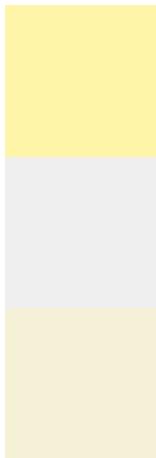
Deuteranomaly

241.8970, 18.9830, -8.1290

Tritanomaly

242.6780, 15.4060, -3.8740

Monochromacy



Original Color

239.3260, 30.3560, -21.5160

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1180, 11.0510, -7.5490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.3260, 30.3560, -21.5160 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(255, 245, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 169)  
}
```

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(255, 245, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 169) }
```

Border

The CSS property to change the border of an element to YIQ 239.3260, 30.3560, -21.5160 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(255, 245, 169) }
```


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

```
.border{ border-color:rgb(255, 245, 169) }
```

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

Here you see how a box with a 4 pixel rgb(255, 245, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 239.3260, 30.3560, -21.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 169) }
```

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

```
.background{ background-color: rgb(255,  
245, 169) }
```

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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