

Converting Colors

YIQ(228.0350, 35.3090,
-28.6830)

Have a look what the booklet for
YIQ(228.0350, 35.3090, -28.6830)
contains.

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Color

**YIQ(228.0350, 35.3090,
-28.6830)**

Conversions

Conversions Part 1

Format	Color
Hex	F4ED8C
RGB	244, 237, 140
RGB Percent	96%, 93%, 55%
CMY	0.0432, 0.0706, 0.4508
CMYK	0.00, 0.03, 0.43, 0.04
HSL	56°, 83%, 75%
HSV	56°, 43%, 96%
XYZ	72.3253, 81.6927, 36.7885
YIQ	228.0350, 35.3090, -28.6830

Conversions

Conversions Part 2

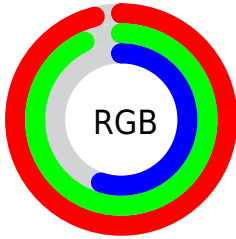
Format	Color
R _Y B	148, 244, 140
Decimal	16051596
CIE Lab	92.44, -10.93, 47.67
CIE LCh	92, 48.902, 102.916
Yxy	81.6927, 0.3791, 0.4281
Android (android.graphics.Color)	4294241676 (0xFFF4ED8C)
YUV	228.0350, -43.4013, 14.0013
Hunter-Lab	90.3840, -15.3363, 39.1363

Details

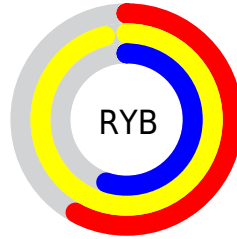
The YIQ color $228.0350, 35.3090, -28.6830$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $155.9650, -35.3090, 28.6830$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1600, 19.2600, -18.6600$, and $171.8930, 32.8330, -27.8630$ is the 20% darker color. If you saturate the color by 10%, you get $224.1250, 43.5630, -35.1010$, and if you desaturate by 10%, it is $231.9450, 27.0550, -22.2650$.

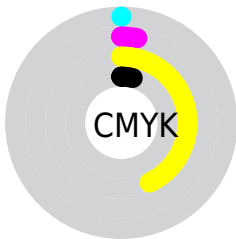
Distribution



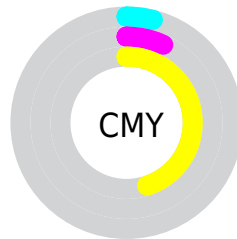
- Red (96%)
- Green (93%)
- Blue (55%)



- Red (58%)
- Yellow (96%)
- Blue (55%)



- Cyan (0%)
- Magenta (3%)
- Yellow (43%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.0350, 35.3090, -28.6830 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 228.0350, 35.3090, -28.6830 by changing the saturation by 10% instead.

228.0350, 35.3090,
-28.6830

228.0350, 35.3090,
-28.6830

255.0000, -0.0000,
-0.0000

199.9640, 34.0710,
-28.2730

248.1600, 19.2600,
-18.6600

171.8930, 32.8330,
-27.8630

251.3520, 10.2720,
-9.9520

145.2950, 31.6410,
-28.2870

254.6580, 0.9630,
-0.9330

118.9960, 31.0450,
-28.4990

92.7140, 31.7790,
-30.7890

70.2820, 24.4880,
-25.3040

49.3060, 15.9130,

-18.5750

■ 29.5040, 6.7880,
-12.8920

■ 9.3920, -4.4000,
-8.3680

■ 228.0350, 35.3090,
-28.6830

■ 228.0350, 35.3090,
-28.6830

■ 224.1250, 43.5630,
-35.1010

■ 231.9450, 27.0550,
-22.2650

■ 220.6880, 51.8630,
-42.3530

■ 235.3820, 18.7550,
-15.0130

■ 216.7780, 60.1170,
-48.7710

■ 239.2920, 10.5010,
-8.5950

■ 212.7540, 68.6920,
-55.5000

■ 243.3160, 1.9260,
-1.8660

■ 209.4310, 76.6710,
-62.4410

■ 245.8410, -3.8060,
2.8980

■ 206.7920, 82.7240,
-67.5160

■ 247.0150, -4.3560,
1.8520

■ 247.6020, -4.6310,
1.3290

■ 248.7760, -5.1810,
0.2830

■ 249.9500, -5.7310,
-0.7630

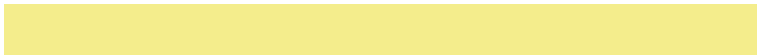
Harmonies

Analogous

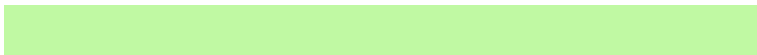
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



222.3880, 44.9810, -16.7390



228.0350, 35.3090, -28.6830



222.1530, -6.3660, -38.8300

Triad

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



228.0350, 35.3090, -28.6830



178.7550, -151.9800, -54.0600



222.7150, 15.1250, 28.7650

Complementary

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



228.0350, 35.3090, -28.6830



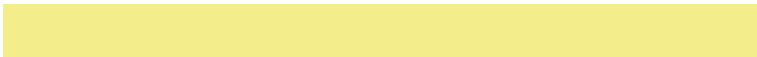
155.9650, -35.3090, 28.6830

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.



230.9330, 11.2750, 21.4430



228.0350, 35.3090, -28.6830



207.5580, -81.5610, -25.1850

Square

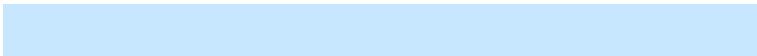
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.0350, 35.3090, -28.6830



195.5700, -117.3660, -42.5980



223.8690, -27.3720, 0.4680



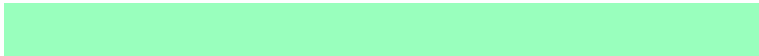
216.2800, 29.1110, 17.5830

Rectangle

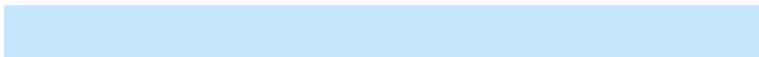
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



228.0350, 35.3090, -28.6830



216.9780, -39.6060, -42.1500



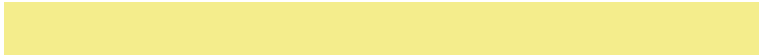
223.8690, -27.3720, 0.4680



225.0630, 14.0250, 26.6730

Sweetspot

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



228.0350, 35.3090, -28.6830



250.0640, 11.1430, -9.2170



172.1220, 59.0950, 24.8470



124.4320, 7.2910, -5.4850



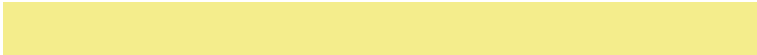
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

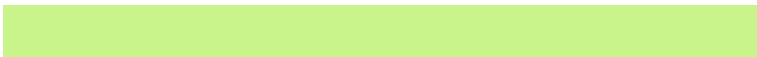
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.0350, 35.3090, -28.6830



234.8970, 44.2050, -35.7230



219.2870, 7.7560, -41.4600



120.6320, 3.8520, -3.7320



157.7520, 63.0060, -51.5700



49.9260, 20.0390, -16.2570

Inverse Universe

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



155.9650, -35.3090, 28.6830



145.1030, -44.2050, 35.7230



164.7130, -7.7560, 41.4600



111.9550, -4.1270, 3.2090



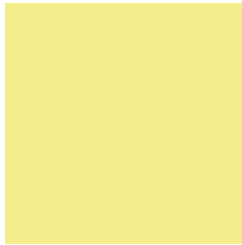
28.8350, -63.2810, 51.0470



9.0740, -20.0390, 16.2570

Previews

White Background



This preview shows how the YIQ color 228.0350, 35.3090, -28.6830 looks on a white background.

Color Contrast Check

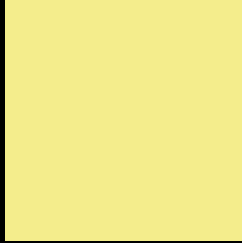
Large Text (above 18pt) WCAG AA × Fail

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 228.0350, 35.3090, -28.6830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

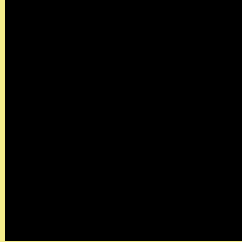
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 228.0350, 35.3090, -28.6830

Background



This preview shows how black text looks on a background with the YIQ color 228.0350, 35.3090, -28.6830.



This preview shows how white text looks on a background with the YIQ color 228.0350, 35.3090,

-28.6830.

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

228.0350, 35.3090, -28.6830

Protanopia

228.9760, 42.9650, -24.2590

Deuteranopia

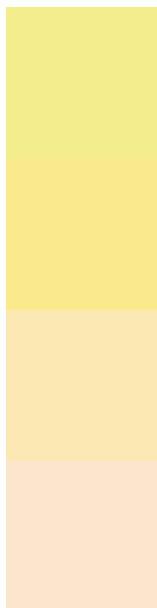
233.6960, 24.1630, -2.8850



Tritanopia

235.9080, 12.4230, 11.6470

Trichromacy



Original Color

228.0350, 35.3090, -28.6830

Protanomaly

228.3670, 40.3060, -25.6300

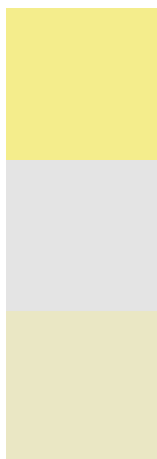
Deuteranomaly

231.6390, 28.3370, -12.4550

Tritanomaly

232.8420, 20.8160, -2.8000

Monochromacy



Original Color

228.0350, 35.3090, -28.6830

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9070, 13.0230, -10.2490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.0350, 35.3090, -28.6830 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(244, 237, 140)` looks like.

```
.text, #text, p{  
    color:rgb(244, 237, 140)  
}
```

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(244, 237, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 237, 140) }
```

Border

The CSS property to change the border of an element to YIQ 228.0350, 35.3090, -28.6830 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(244, 237, 140) }
```


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

```
.border{ border-color:rgb(244, 237, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 237, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 237, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 237, 140);  
box-shadow:4px 4px 4px 4px rgb(244, 237,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 228.0350, 35.3090, -28.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 237, 140) }
```

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

```
.background{ background-color: rgb(244,  
237, 140) }
```

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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