

Converting Colors

YIQ(227.3310, 31.9600,
-17.5440)

Have a look what the booklet for
YIQ(227.3310, 31.9600, -17.5440)
contains.

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Color

**YIQ(227.3310, 31.9600,
-17.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E6A2
RGB	247, 230, 162
RGB Percent	97%, 90%, 64%
CMY	0.0314, 0.0980, 0.3645
CMYK	0.00, 0.07, 0.34, 0.03
HSL	48°, 84%, 80%
HSV	48°, 34%, 97%
XYZ	73.1780, 78.9739, 45.5903
YIQ	227.3310, 31.9600, -17.5440

Conversions

Conversions Part 2

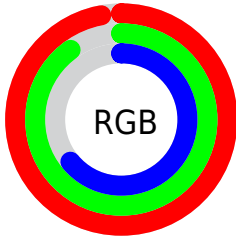
Format	Color
R _{YB}	183, 247, 162
Decimal	16246434
CIE Lab	91.22, -3.90, 35.24
CIE LCh	91, 35.458, 96.315
Yxy	78.9739, 0.3701, 0.3994
Android (android.graphics.Color)	4294436514 (0xFFFF7E6A2)
YUV	227.3310, -32.2082, 17.2497
Hunter-Lab	88.8673, -8.5313, 31.7903

Details

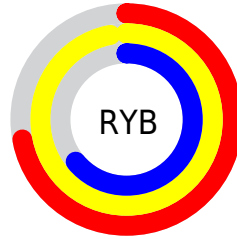
The YIQ color $227.3310, 31.9600, -17.5440$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $181.6690, -31.9600, 17.5440$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, 12.1980, -11.8180$, and $172.0750, 29.8050, -17.0350$ is the 20% darker color. If you saturate the color by 10%, you get $221.5460, 41.3600, -22.7040$, and if you desaturate by 10%, it is $233.1160, 22.5600, -12.3840$.

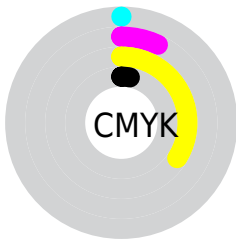
Distribution



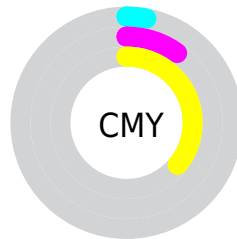
- Red (97%)
- Green (90%)
- Blue (64%)



- Red (72%)
- Yellow (97%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 227.3310, 31.9600, -17.5440 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 227.3310, 31.9600, -17.5440 by changing the saturation by 10% instead.

227.3310, 31.9600,
-17.5440

227.3310, 31.9600,
-17.5440

255.0000, -0.0000,
-0.0000

199.1460, 31.0430,
-17.4450

250.6680, 12.1980,
-11.8180

172.0750, 29.8050,
-17.0350

253.9740, 2.8890,
-2.7990

145.0040, 28.5670,
-16.6250

118.8190, 27.6500,
-16.5260

94.0360, 25.5410,
-16.8510

69.6230, 25.2660,
-17.3740

48.1650, 20.8640,

-14.6880

■ 28.3630, 11.7390,
-9.0050

■ 4.1090, -1.9250,
-3.6610

■ 227.3310, 31.9600,
-17.5440

■ 227.3310, 31.9600,
-17.5440

■ 221.5460, 41.3600,
-22.7040

■ 233.1160, 22.5600,
-12.3840

■ 215.8750, 50.4390,
-27.5530

■ 238.7870, 13.4810,
-7.5350

■ 210.0900, 59.8390,
-32.7130

■ 244.5720, 4.0810,
-2.3750

■ 204.3050, 69.2390,
-37.8730

■ 249.6730, -3.3930,
0.9190

■ 198.6340, 78.3180,
-42.7220

■ 252.6080, -4.7680,
-1.6960

■ 192.8490, 87.7180,
-47.8820

■ 190.0790, 92.7620,
-51.1900

Harmonies

Analogous

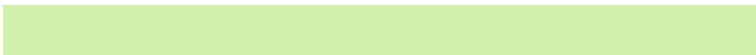
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.9500, 37.8270, -8.2290



227.3310, 31.9600, -17.5440



223.5060, 3.3060, -26.8860

Triad

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



227.3310, 31.9600, -17.5440



211.1350, -75.8760, -23.5880



227.9980, 12.6500, 24.0580

Complementary

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



227.3310, 31.9600, -17.5440



181.6690, -31.9600, 17.5440

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.



230.5790, 3.3440, 16.4960



227.3310, 31.9600, -17.5440



215.3870, -58.7300, -14.9380

Square

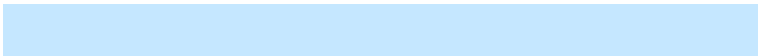
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



227.3310, 31.9600, -17.5440



213.7310, -63.1750, -27.9990



223.5700, -27.9680, 0.2560



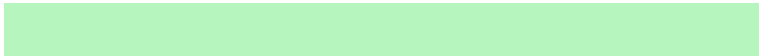
222.1160, 23.7010, 16.5090

Rectangle

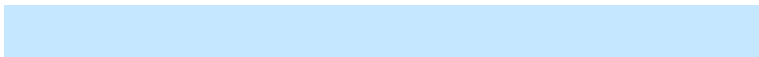
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



227.3310, 31.9600, -17.5440



220.3060, -19.6180, -29.9380



223.5700, -27.9680, 0.2560



229.1720, 12.1000, 23.0120

Sweetspot

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



227.3310, 31.9600, -17.5440



249.2150, 9.4000, -5.1600



189.4670, 44.8820, 23.6180



123.8280, 6.2360, -2.8840



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

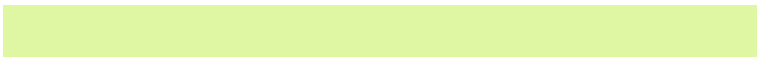
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.3310, 31.9600, -17.5440



230.7030, 39.4800, -21.6720



230.1340, 12.9810, -31.5230



119.4580, 4.4020, -2.6860



143.0770, 69.8810, -38.4950



45.2300, 22.2390, -12.0730

Inverse Universe

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



181.6690, -31.9600, 17.5440



174.2970, -39.4800, 21.6720



178.8660, -12.9810, 31.5230



113.1290, -4.6770, 2.1630



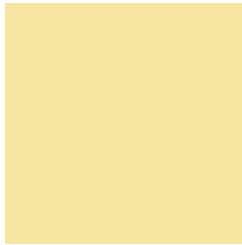
42.9230, -69.8810, 38.4950



13.7700, -22.2390, 12.0730

Previews

White Background



This preview shows how the YIQ color 227.3310, 31.9600, -17.5440 looks on a white background.

Color Contrast Check

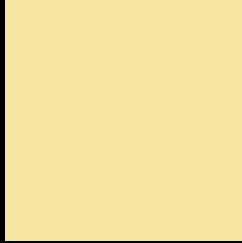
Large Text (above 18pt) WCAG AA × Fail

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 227.3310, 31.9600, -17.5440 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 227.3310, 31.9600, -17.5440

Background



This preview shows how black text looks on a background with the YIQ color 227.3310, 31.9600, -17.5440.



This preview shows how white text looks on a background with the YIQ color 227.3310, 31.9600, -17.5440.

-17.5440.

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

227.3310, 31.9600, -17.5440

Protanopia

227.6300, 32.5560, -17.3320

Deuteranopia

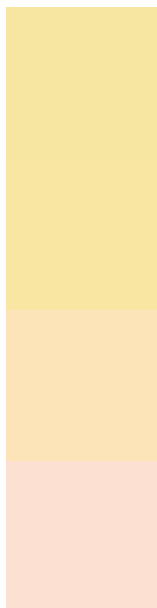
230.7780, 26.8680, -2.3480



Tritanopia

232.9900, 15.1280, 12.1840

Trichromacy



Original Color

227.3310, 31.9600, -17.5440

Protanomaly

227.6300, 32.5560, -17.3320

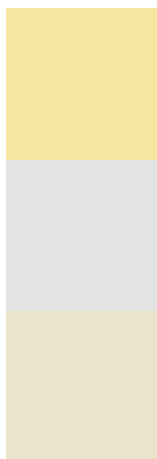
Deuteranomaly

229.5730, 28.7030, -8.0730

Tritanomaly

230.7760, 21.1820, 1.5820

Monochromacy



Original Color

227.3310, 31.9600, -17.5440

Achromatopsia

227.0000, -0.0000, -0.0000

Achromatomaly

226.9440, 11.6010, -6.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 227.3310, 31.9600, -17.5440 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(247, 230, 162)` looks like.

```
.text, #text, p{  
    color:rgb(247, 230, 162)  
}
```

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(247, 230, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 230, 162) }
```

Border

The CSS property to change the border of an element to YIQ 227.3310, 31.9600, -17.5440 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(247, 230, 162) }
```


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

```
.border{ border-color:rgb(247, 230, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 230, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 230, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 230, 162);  
box-shadow:4px 4px 4px 4px rgb(247, 230,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 227.3310, 31.9600, -17.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 230, 162) }
```

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

```
.background{ background-color: rgb(247,  
230, 162) }
```

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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