

Converting Colors

YIQ(222.3150, 30.0300, 6.4300)

Have a look what the booklet for
YIQ(222.3150, 30.0300, 6.4300)
contains.

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Color

**YIQ(222.3150, 30.0300,
6.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2C8
RGB	255, 210, 200
RGB Percent	100%, 82%, 78%
CMY	0.0000, 0.1765, 0.2156
CMYK	0.00, 0.18, 0.22, 0.00
HSL	11°, 100%, 89%
HSV	11°, 22%, 100%
XYZ	74.7110, 71.5155, 64.5296
YIQ	222.3150, 30.0300, 6.4300

Conversions

Conversions Part 2

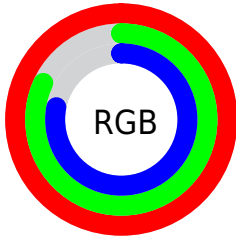
Format	Color
R _Y B	255, 212, 200
Decimal	16765640
CIE Lab	87.73, 14.31, 10.86
CIE LCh	88, 17.964, 37.189
Yxy	71.5155, 0.3545, 0.3393
Android (android.graphics.Color)	4294955720 (0xFFFFD2C8)
YUV	222.3150, -11.0013, 28.6647
Hunter-Lab	84.5668, 9.7049, 13.9549

Details

The YIQ color $222.3150, 30.0300, 6.4300$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $232.6850, -30.0300, -6.4300$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.8310, 28.5170, 6.3170$ is the 20% darker color. If you saturate the color by 10%, you get $207.1380, 43.8300, 9.6380$, and if you desaturate by 10%, it is $237.6060, 15.9090, 3.5330$.

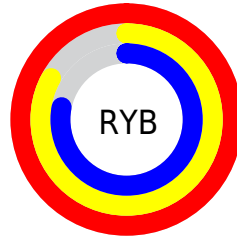
Distribution



Red (100%)

Green (82%)

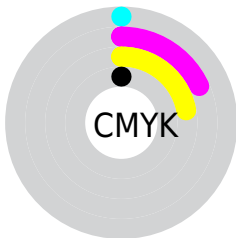
Blue (78%)



Red (100%)

Yellow (83%)

Blue (78%)

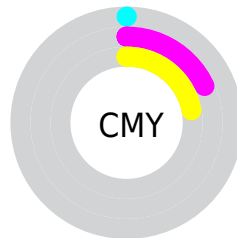


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.3150, 30.0300, 6.4300 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 222.3150, 30.0300, 6.4300 by changing the saturation by 10% instead.


 222.3150, 30.0300,
6.4300


 222.3150, 30.0300,
6.4300


255.0000, -0.0000,
-0.0000


 194.1300, 29.1130,
6.5290

 166.8310, 28.5170,
6.3170

 140.2330, 27.3250,
5.8930

 114.7490, 25.8120,
5.7800

 90.1510, 24.6200,
5.3560

 66.2540, 22.8320,
4.7200

 43.7700, 21.3190,

4.6070

■ 21.6020, 21.7320,
2.6280

■ 3.5880, 7.1520,
2.5440

■ 222.3150, 30.0300,
6.4300

■ 222.3150, 30.0300,
6.4300

■ 207.1380, 43.8300,
9.6380

■ 237.6060, 15.9090,
3.5330

■ 191.8470, 57.9510,
12.5350

■ 252.7830, 2.1090,
0.3250

■ 176.6700, 71.7510,
15.7430

255.0000, -0.0000,
-0.0000

■ 161.3790, 85.8720,
18.6400

■ 146.7890, 99.3970,
21.3250

■ 131.4980,
113.5180, 24.2220

■ 116.3210,
127.3180, 27.4300

■ 103.2470,
139.3300, 30.0020

Harmonies

Analogous

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



222.9650, 25.4440, 12.4520



222.3150, 30.0300, 6.4300



220.7180, 27.0970, -0.9910

Triad

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



222.3150, 30.0300, 6.4300



215.0160, -15.2650, -15.2090



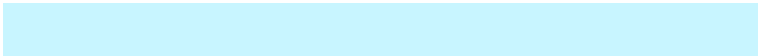
219.6900, -19.2580, 7.6060

Complementary

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



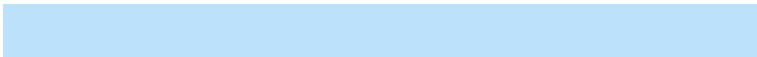
222.3150, 30.0300, 6.4300



232.6850, -30.0300, -6.4300

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.



216.6020, -30.9940, 0.0300



222.3150, 30.0300, 6.4300



213.7680, -29.0660, -12.8900

Square

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



222.3150, 30.0300, 6.4300



216.7530, 1.6530, -13.4430



214.4070, -35.1190, -7.8150



221.9480, -2.2490, 13.2310

Rectangle

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



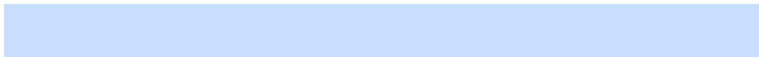
222.3150, 30.0300, 6.4300



219.4350, 20.4040, -6.3480



214.4070, -35.1190, -7.8150



218.7710, -23.9800, 5.0760

Sweetspot

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



222.3150, 30.0300, 6.4300



245.6590, 8.3900, 2.1340



221.6890, 18.0140, 25.9660



122.2780, 5.0890, 1.3850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

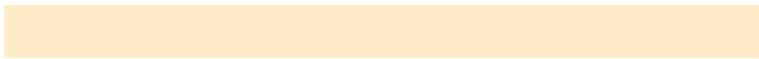
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.3150, 30.0300, 6.4300



215.7780, 36.0360, 7.7160



238.1640, 22.6050, -7.6910



120.0610, 7.1980, 1.7100



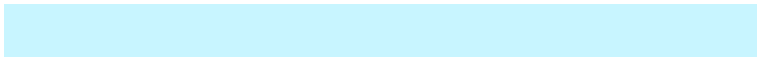
77.6540, 104.2110, 22.1870



26.1800, 34.8440, 7.2920

Inverse Universe

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



232.6850, -30.0300, -6.4300



228.2220, -36.0360, -7.7160



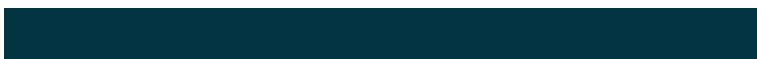
216.8360, -22.6050, 7.6910



122.3520, -6.9230, -1.1870



113.9330, -104.4860, -22.7100



37.8200, -34.8440, -7.2920

Previews

White Background



This preview shows how the YIQ color 222.3150, 30.0300, 6.4300 looks on a white background.

Color Contrast Check

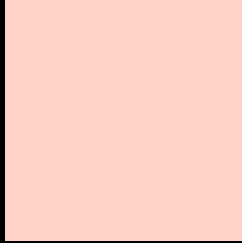
Large Text (above 18pt) WCAG AA × Fail

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 222.3150, 30.0300, 6.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

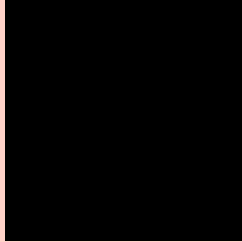
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.3150, 30.0300, 6.4300

Background



This preview shows how black text looks on a background with the YIQ color 222.3150, 30.0300, 6.4300.



This preview shows how white text looks on a background with the YIQ color 222.3150, 30.0300,

6.4300.

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

222.3150, 30.0300, 6.4300

Protanopia

220.0950, 9.8580, -2.4460

Deuteranopia

221.6950, 25.9040, 4.1120



Tritanopia

223.6490, 23.5180, 14.3180

Trichromacy



Original Color

222.3150, 30.0300, 6.4300

Protanomaly

221.0960, 17.2850, 0.6210

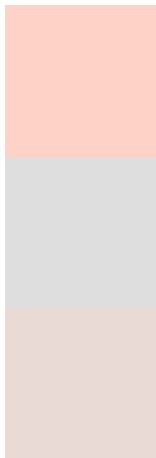
Deuteranomaly

221.7060, 27.3710, 5.0590

Tritanomaly

223.3240, 25.8110, 11.3070

Monochromacy



Original Color

222.3150, 30.0300, 6.4300

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.3280, 10.8200, 2.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.3150, 30.0300, 6.4300 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, 210, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 200)  
}
```

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, 210, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 200) }
```

Border

The CSS property to change the border of an element to YIQ 222.3150, 30.0300, 6.4300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

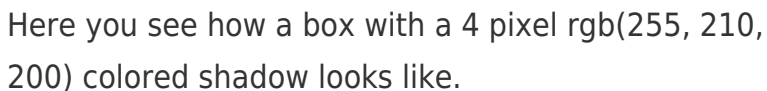
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 210, 200) }
```


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

```
.border{ border-color:rgb(255, 210, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 210, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 210, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 210, 200); box-shadow:4px 4px 4px 4px rgb(255, 210, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 222.3150, 30.0300, 6.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 200) }
```

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

```
.background{ background-color: rgb(255,  
210, 200) }
```

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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