

Converting Colors

YIQ(222.8900, 38.0560, -6.8720)

Have a look what the booklet for
YIQ(222.8900, 38.0560, -6.8720)
contains.

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Color

**YIQ(222.8900, 38.0560,
-6.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9A9
RGB	255, 217, 169
RGB Percent	100%, 85%, 66%
CMY	0.0000, 0.1491, 0.3371
CMYK	0.00, 0.15, 0.34, 0.00
HSL	33°, 100%, 83%
HSV	33°, 34%, 100%
XYZ	73.2146, 73.7438, 47.9349
YIQ	222.8900, 38.0560, -6.8720

Conversions

Conversions Part 2

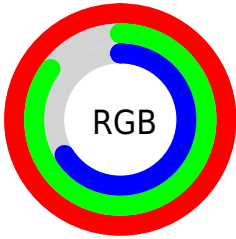
Format	Color
R_{YB}	237, 255, 169
Decimal	16767401
CIE _{Lab}	88.80, 6.61, 28.55
CIE _{LCh}	89, 29.302, 76.957
Yxy	73.7438, 0.3757, 0.3784
Android (android.graphics.Color)	4294957481 (0xFFFFD9A9)
YUV	222.8900, -26.5678, 28.1605
Hunter-Lab	85.8742, 1.9057, 27.0163

Details

The YIQ color $222.8900, 38.0560, -6.8720$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $201.1100, -38.0560, 6.8720$, and the grayscale version is $223.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.4660, 9.9510, -9.6410$, and $167.3350, 35.3050, -6.5750$ is the 20% darker color. If you saturate the color by 10%, you get $213.5830, 49.1060, -8.8940$, and if you desaturate by 10%, it is $232.3110, 26.6850, -4.5390$.

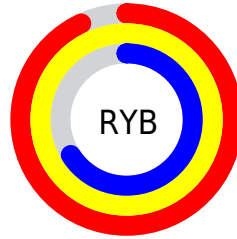
Distribution



Red (100%)

Green (85%)

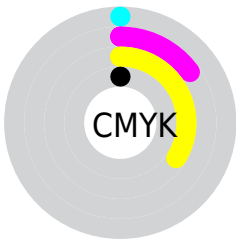
Blue (66%)



Red (93%)

Yellow (100%)

Blue (66%)

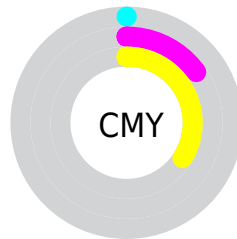


Cyan (0%)

Magenta (15%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 222.8900, 38.0560, -6.8720 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 222.8900, 38.0560, -6.8720 by changing the saturation by 10% instead.


 222.8900, 38.0560,
-6.8720

 222.8900, 38.0560,
-6.8720


255.0000, -0.0000,
-0.0000


 194.7050, 37.1390,
-6.7730


 251.5800, 9.6300,
-9.3300


 167.3350, 35.3050,
-6.5750

254.7720, 0.6420,
-0.6220

 140.8510, 33.7920,
-6.6880

 115.3670, 32.2790,
-6.8010

 89.9970, 30.4450,
-6.6030

 66.1000, 28.6570,
-7.2390

 43.2030, 26.8690,

-7.8750

■ 24.2870, 18.0650,
-2.5030

■ 1.1960, 2.3840,
0.8480

■ 222.8900, 38.0560,
-6.8720

■ 222.8900, 38.0560,
-6.8720

■ 213.5830, 49.1060,
-8.8940

■ 232.3110, 26.6850,
-4.5390

■ 203.5750, 60.7520,
-10.7040

■ 242.2050, 15.3600,
-3.0400

■ 194.2680, 71.8020,
-12.7260

■ 251.6260, 3.9890,
-0.7070

■ 184.8470, 83.1730,
-15.0590

■ 255.0000, -0.0000,
-0.0000

■ 175.5400, 94.2230,
-17.0810

■ 165.5320,
105.8690, -18.8910

■ 159.5990,
112.9300, -20.2060

Harmonies

Analogous

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



219.2030, 36.0370, 2.1890



222.8900, 38.0560, -6.8720



219.8010, 18.8930, -17.5150

Triad

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



222.8900, 38.0560, -6.8720



210.4810, -56.2990, -20.4510



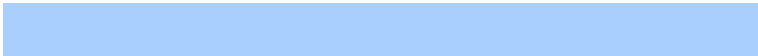
226.7800, 7.3320, 21.3160

Complementary

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



222.8900, 38.0560, -6.8720



201.1100, -38.0560, 6.8720

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.



221.2990, -16.5990, 8.9770



222.8900, 38.0560, -6.8720



211.2560, -59.7390, -13.1710

Square

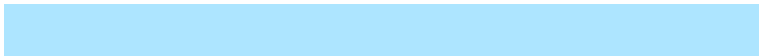
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.8900, 38.0560, -6.8720



212.8670, -34.1990, -24.4950



215.2200, -41.7220, -3.7860



222.8970, 20.1240, 20.7640

Rectangle

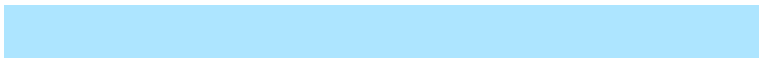
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.8900, 38.0560, -6.8720



217.4830, 2.1130, -21.7830



215.2200, -41.7220, -3.7860



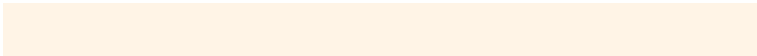
225.2520, -0.0490, 17.4150

Sweetspot

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



222.8900, 38.0560, -6.8720



245.6930, 11.0500, -2.0220



199.1600, 38.7370, 30.3610



122.0670, 7.0610, -1.3150



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.



222.8900, 38.0560, -6.8720



216.9570, 45.1170, -8.1870



244.0000, 25.2220, -27.5940



122.9960, 5.8230, -0.9050



119.9180, 84.4110, -15.4690



40.2680, 28.2440, -5.2600

Inverse Universe

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



201.1100, -38.0560, 6.8720



191.0430, -45.1170, 8.1870



180.0000, -25.2220, 27.5940



119.4170, -5.5480, 1.4280



71.6690, -84.6860, 14.9460



23.7320, -28.2440, 5.2600

Previews

White Background



This preview shows how the YIQ color 222.8900, 38.0560, -6.8720 looks on a white background.

Color Contrast Check

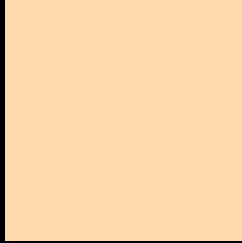
Large Text (above 18pt) WCAG AA × Fail

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 222.8900, 38.0560, -6.8720 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 222.8900, 38.0560, -6.8720

Background



This preview shows how black text looks on a background with the YIQ color 222.8900, 38.0560, -6.8720.



This preview shows how white text looks on a background with the YIQ color 222.8900, 38.0560,

-6.8720.

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

222.8900, 38.0560, -6.8720

Protanopia

221.6710, 25.3110, -12.6810

Deuteranopia

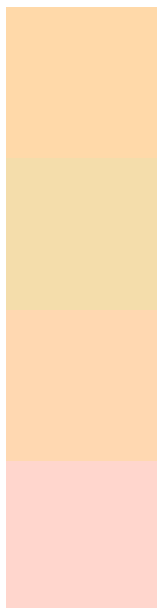
223.7850, 34.1580, -2.3060



Tritanopia

226.3390, 21.4550, 13.1590

Trichromacy



Original Color

222.8900, 38.0560, -6.8720

Protanomaly

222.1770, 29.7580, -10.6740

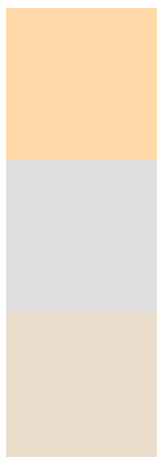
Deuteranomaly

223.2150, 35.7630, -3.8610

Tritanomaly

225.2330, 27.3250, 5.8930

Monochromacy



Original Color

222.8900, 38.0560, -6.8720

Achromatopsia

223.0000, -0.0000, -0.0000

Achromatomaly

223.1340, 14.1220, -2.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.8900, 38.0560, -6.8720 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, 217, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 169) }
```

Border

The CSS property to change the border of an element to YIQ 222.8900, 38.0560, -6.8720 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, 217, 169) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 222.8900, 38.0560, -6.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 169) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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