

Converting Colors

YIQ(224.7650, 36.9100, -8.1300)

Have a look what the booklet for
YIQ(224.7650, 36.9100, -8.1300)
contains.

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Color

**YIQ(224.7650, 36.9100,
-8.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCAA
RGB	255, 220, 170
RGB Percent	100%, 86%, 67%
CMY	0.0000, 0.1373, 0.3331
CMYK	0.00, 0.14, 0.33, 0.00
HSL	35°, 100%, 83%
HSV	35°, 33%, 100%
XYZ	74.0895, 75.3427, 48.6913
YIQ	224.7650, 36.9100, -8.1300

Conversions

Conversions Part 2

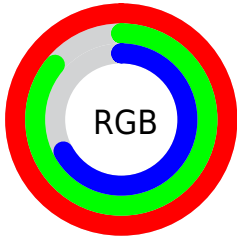
Format	Color
R _Y B	230, 255, 170
Decimal	16768170
CIE Lab	89.55, 5.19, 29.05
CIE LCh	90, 29.506, 79.870
Yxy	75.3427, 0.3740, 0.3803
Android (android.graphics.Color)	4294958250 (0xFFFFDCAA)
YUV	224.7650, -26.9991, 26.5161
Hunter-Lab	86.8002, 0.4609, 27.5009

Details

The YIQ color $224.7650, 36.9100, -8.1300$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $200.2350, -36.9100, 8.1300$, and the grayscale version is $225.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $251.6940, 9.3090, -9.0190$, and $169.0960, 34.4800, -8.1440$ is the 20% darker color. If you saturate the color by 10%, you get $215.4580, 47.9600, -10.1520$, and if you desaturate by 10%, it is $234.1860, 25.5390, -5.7970$.

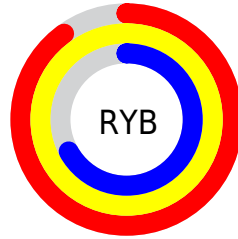
Distribution



Red (100%)

Green (86%)

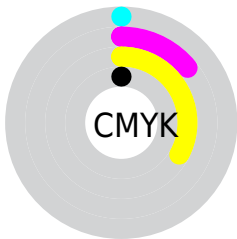
Blue (67%)



Red (90%)

Yellow (100%)

Blue (67%)

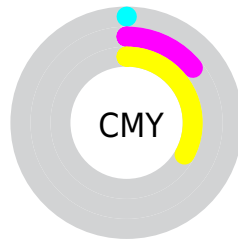


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 224.7650, 36.9100, -8.1300 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 224.7650, 36.9100, -8.1300 by changing the saturation by 10% instead.


 224.7650, 36.9100,
-8.1300

 224.7650, 36.9100,
-8.1300


255.0000, -0.0000,
-0.0000


 196.5800, 35.9930,
-8.0310


 251.6940, 9.3090,
-9.0190


 169.0960, 34.4800,
-8.1440

254.8860, 0.3210,
-0.3110

 142.6120, 32.9670,
-8.2570

 116.5410, 31.7290,
-7.8470

 91.7580, 29.6200,
-8.1720

 67.9750, 27.5110,
-8.4970

 45.2630, 26.6400,

-9.2320

■ 25.4610, 17.5150,
-3.5490

■ 2.6910, 5.3640,
1.9080

■ 224.7650, 36.9100,
-8.1300

■ 224.7650, 36.9100,
-8.1300

■ 215.4580, 47.9600,
-10.1520

■ 234.1860, 25.5390,
-5.7970

■ 206.6240, 59.0560,
-13.0080

■ 242.9060, 14.7640,
-3.2520

■ 197.3170, 70.1060,
-15.0300

■ 252.3270, 3.3930,
-0.9190

■ 188.4830, 81.2020,
-17.8860

■ 255.0000, -0.0000,
-0.0000

■ 179.1760, 92.2520,
-19.9080

■ 170.3420,
103.3480, -22.7640

■ 164.2950,
110.7300, -24.3900

Harmonies

Analogous

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



220.9640, 35.2120, 0.6200



224.7650, 36.9100, -8.1300



221.6050, 16.5090, -18.3630

Triad

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



224.7650, 36.9100, -8.1300



212.5240, -57.8580, -19.7300



228.8620, 10.0370, 21.8530

Complementary

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



224.7650, 36.9100, -8.1300



200.2350, -36.9100, 8.1300

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.



223.6800, -13.2980, 9.7260



224.7650, 36.9100, -8.1300



213.3270, -58.5010, -13.5810

Square

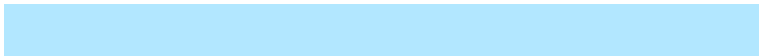
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.7650, 36.9100, -8.1300



214.3120, -36.9500, -24.1980



217.8890, -39.2920, -3.7720



224.0710, 19.5740, 19.7180

Rectangle

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



224.7650, 36.9100, -8.1300



219.2870, -0.2710, -22.6310



217.8890, -39.2920, -3.7720



227.3340, 2.6560, 17.9520

Sweetspot

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



224.7650, 36.9100, -8.1300



245.6930, 11.0500, -2.0220



199.4050, 39.4250, 28.9050



122.0670, 7.0610, -1.3150



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

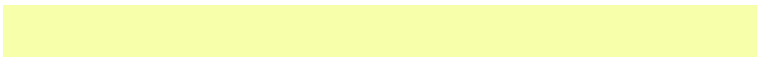
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.7650, 36.9100, -8.1300



218.7180, 44.2920, -9.7560



243.2170, 23.1130, -27.9190



122.9960, 5.8230, -0.9050



122.8530, 83.0360, -18.0840



40.8550, 27.9690, -5.7830

Inverse Universe

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



200.2350, -36.9100, 8.1300



189.2820, -44.2920, 9.7560



181.7830, -23.1130, 27.9190



119.4170, -5.5480, 1.4280



68.1470, -83.0360, 18.0840



22.5580, -27.6940, 6.3060

Previews

White Background



This preview shows how the YIQ color 224.7650, 36.9100, -8.1300 looks on a white background.

Color Contrast Check

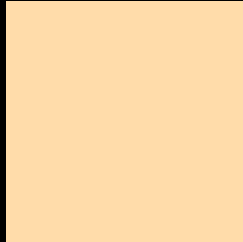
Large Text (above 18pt) WCAG AA × Fail

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 224.7650, 36.9100, -8.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

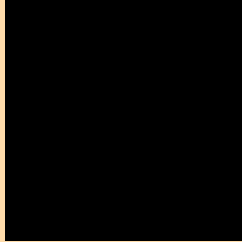
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 224.7650, 36.9100, -8.1300

Background



This preview shows how black text looks on a background with the YIQ color 224.7650, 36.9100, -8.1300.



This preview shows how white text looks on a background with the YIQ color 224.7650, 36.9100, -8.1300.

-8.1300.

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

224.7650, 36.9100, -8.1300

Protanopia

223.7420, 26.5490, -13.0910

Deuteranopia

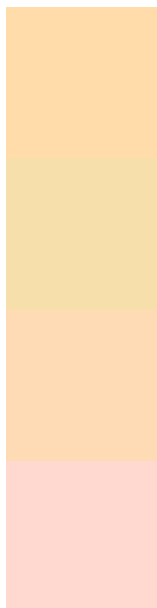
226.1160, 31.7280, -2.3200



Tritanopia

228.4420, 19.6670, 12.5230

Trichromacy



Original Color

224.7650, 36.9100, -8.1300

Protanomaly

223.9490, 30.4000, -11.2960

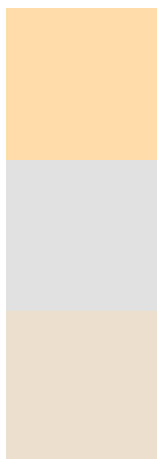
Deuteranomaly

225.4320, 33.6540, -4.1860

Tritanomaly

227.2220, 25.8580, 4.9460

Monochromacy



Original Color

224.7650, 36.9100, -8.1300

Achromatopsia

225.0000, -0.0000, -0.0000

Achromatomaly

224.8350, 13.5260, -2.8420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.7650, 36.9100, -8.1300 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, 220, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 170)  
}
```

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, 220, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 170) }
```

Border

The CSS property to change the border of an element to YIQ 224.7650, 36.9100, -8.1300 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, 220, 170) }
```


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

```
.border{ border-color:rgb(255, 220, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 224.7650, 36.9100, -8.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 170) }
```

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

```
.background{ background-color: rgb(255,  
220, 170) }
```

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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