

Converting Colors

YIQ(220.9640, 35.2120, 0.6200)

Have a look what the booklet for
YIQ(220.9640, 35.2120, 0.6200)
contains.

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Color

**YIQ(220.9640, 35.2120,
0.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3B7
RGB	255, 211, 183
RGB Percent	100%, 83%, 72%
CMY	0.0000, 0.1726, 0.2822
CMYK	0.00, 0.17, 0.28, 0.00
HSL	23°, 100%, 86%
HSV	23°, 28%, 100%
XYZ	73.0812, 71.2599, 54.7250
YIQ	220.9640, 35.2120, 0.6200

Conversions

Conversions Part 2

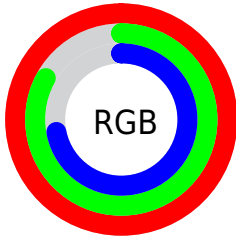
Format	Color
R _Y B	255, 229, 183
Decimal	16765879
CIE Lab	87.61, 11.46, 19.62
CIE LCh	88, 22.728, 59.709
Yxy	71.2599, 0.3671, 0.3580
Android (android.graphics.Color)	4294955959 (0xFFFFD3B7)
YUV	220.9640, -18.7163, 29.8496
Hunter-Lab	84.4156, 6.8057, 20.6544

Details

The YIQ color $220.9640, 35.2120, 0.6200$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $217.0360, -35.2120, -0.6200$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.1760, 5.1360, -4.9760$, and $165.2950, 32.7820, 0.6060$ is the 20% darker color. If you saturate the color by 10%, you get $208.7220, 47.6370, 1.2130$, and if you desaturate by 10%, it is $233.3200, 22.4660, 0.3380$.

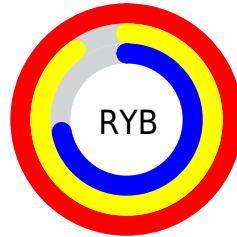
Distribution



Red (100%)

Green (83%)

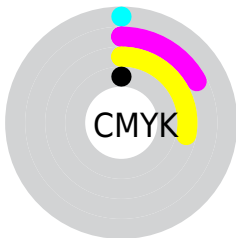
Blue (72%)



Red (100%)

Yellow (90%)

Blue (72%)

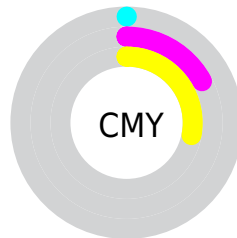


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 220.9640, 35.2120, 0.6200 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 220.9640, 35.2120, 0.6200 by changing the saturation by 10% instead.


 220.9640, 35.2120,
0.6200


 220.9640, 35.2120,
0.6200


255.0000, -0.0000,
-0.0000


 192.7790, 34.2950,
0.7190


 253.1760, 5.1360,
-4.9760

 165.2950, 32.7820,
0.6060

 138.8110, 31.2690,
0.4930

 113.3270, 29.7560,
0.3800

 88.7290, 28.5640,
-0.0440

 64.9460, 26.4550,
-0.3690

 42.2770, 24.0250,

-0.3830

■ 21.9500, 20.6320,
0.5360

■ 0.8970, 1.7880,
0.6360

■ 220.9640, 35.2120,
0.6200

■ 220.9640, 35.2120,
0.6200

■ 208.7220, 47.6370,
1.2130

■ 233.3200, 22.4660,
0.3380

■ 196.9530, 60.1080,
0.9720

■ 244.9750, 10.3160,
0.2680

■ 184.7110, 72.5330,
1.5650

255.0000, -0.0000,
-0.0000

■ 172.9420, 85.0040,
1.3240

■ 160.7000, 97.4290,
1.9170

■ 148.3440,
110.1750, 2.1990

■ 136.6890,
122.3250, 2.2690

■ 134.3580,
124.7550, 2.2830

Harmonies

Analogous

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



219.8530, 31.4510, 8.2110



220.9640, 35.2120, 0.6200



219.0070, 24.4850, -8.7230

Triad

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



220.9640, 35.2120, 0.6200



211.6810, -33.3750, -17.3990



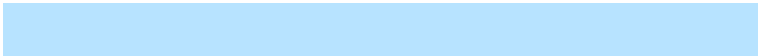
221.3650, -7.7970, 14.6590

Complementary

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



220.9640, 35.2120, 0.6200



217.0360, -35.2120, -0.6200

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.



217.6890, -26.6850, 4.5390



220.9640, 35.2120, 0.6200



211.0960, -44.6090, -12.0410

Square

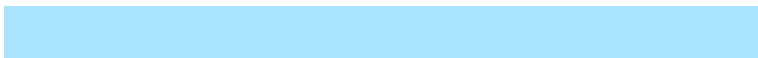
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



220.9640, 35.2120, 0.6200



213.6800, -14.4390, -19.1670



214.0350, -42.6390, -3.6870



223.8360, 12.9260, 19.0540

Rectangle

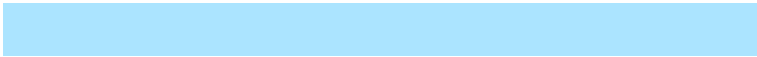
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



220.9640, 35.2120, 0.6200



217.3860, 12.9320, -14.1080



214.0350, -42.6390, -3.6870



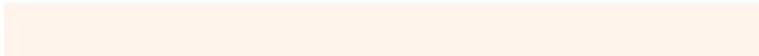
220.4350, -13.9860, 11.1820

Sweetspot

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



220.9640, 35.2120, 0.6200



245.6760, 9.7200, 0.0560



209.5440, 28.7880, 28.9480



121.8220, 6.3730, 0.1410



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.



220.9640, 35.2120, 0.6200



213.9710, 42.5020, 0.6620



242.0960, 25.3120, -18.2080



121.8220, 6.3730, 0.1410



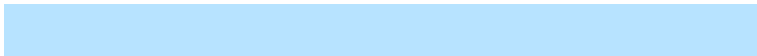
100.5470, 93.4860, 1.7900



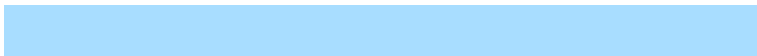
33.8110, 31.2690, 0.4930

Inverse Universe

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



217.0360, -35.2120, -0.6200



209.0290, -42.5020, -0.6620



195.9040, -25.3120, 18.2080



121.1780, -6.3730, -0.1410



90.4530, -93.4860, -1.7900



30.1890, -31.2690, -0.4930

Previews

White Background



This preview shows how the YIQ color 220.9640, 35.2120, 0.6200 looks on a white background.

Color Contrast Check

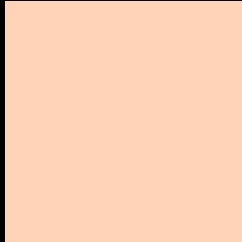
Large Text (above 18pt) WCAG AA × Fail

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 220.9640, 35.2120, 0.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

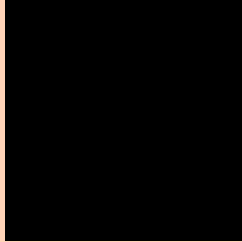
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 220.9640, 35.2120, 0.6200

Background



This preview shows how black text looks on a background with the YIQ color 220.9640, 35.2120, 0.6200.



This preview shows how white text looks on a background with the YIQ color 220.9640, 35.2120,

0.6200.

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

220.9640, 35.2120, 0.6200

Protanopia

218.9400, 17.4240, -7.4080

Deuteranopia

220.6650, 34.6160, 0.4080



Tritanopia

222.9480, 24.1140, 14.5300

Trichromacy



Original Color

220.9640, 35.2120, 0.6200

Protanomaly

219.7560, 23.9340, -4.2420

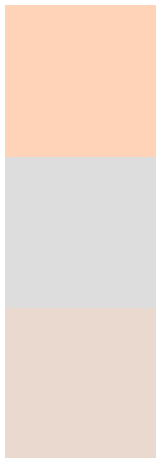
Deuteranomaly

220.6650, 34.6160, 0.4080

Tritanomaly

221.9390, 28.3330, 9.6530

Monochromacy



Original Color

220.9640, 35.2120, 0.6200

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.6440, 12.7460, 0.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 220.9640, 35.2120, 0.6200 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, 211, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 183)  
}
```

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, 211, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 183) }
```

Border

The CSS property to change the border of an element to YIQ 220.9640, 35.2120, 0.6200 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, 211, 183) }
```


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

```
.border{ border-color:rgb(255, 211, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 220.9640, 35.2120, 0.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 183) }
```

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

```
.background{ background-color: rgb(255,  
211, 183) }
```

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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