

Converting Colors

YIQ(219.7620, 32.9650, 2.7970)

Have a look what the booklet for
YIQ(219.7620, 32.9650, 2.7970)
contains.

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Color

**YIQ(219.7620, 32.9650,
2.7970)**

Conversions

Conversions Part 1	
Format	Color
Hex	FDD1BC
RGB	253, 209, 188
RGB Percent	99%, 82%, 74%
CMY	0.0077, 0.1804, 0.2626
CMYK	0.00, 0.17, 0.26, 0.01
HSL	19°, 94%, 86%
HSV	19°, 26%, 99%
XYZ	72.3936, 70.1113, 57.3154
YIQ	219.7620, 32.9650, 2.7970

Conversions

Conversions Part 2

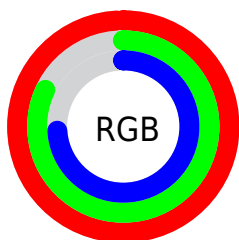
Format	Color
RYB	253, 219, 188
Decimal	16634300
CIELab	87.05, 12.44, 16.19
CIELCh	87, 20.414, 52.472
Yxy	70.1113, 0.3623, 0.3509
Android (android.graphics.Color)	4294824380 (0xFFFD1BC)
YUV	219.7620, -15.6587, 29.1497
Hunter-Lab	83.7325, 7.7959, 18.0284

Details

The YIQ color $219.7620, 32.9650, 2.7970$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $221.2380, -32.9650, -2.7970$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.7460, 3.5310, -3.4210$, and $164.9790, 30.8560, 2.4720$ is the 20% darker color. If you saturate the color by 10%, you get $206.9330, 45.6650, 3.9130$, and if you desaturate by 10%, it is $232.5910, 20.2650, 1.6810$.

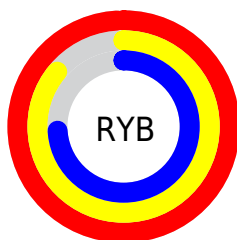
Distribution



Red (99%)

Green (82%)

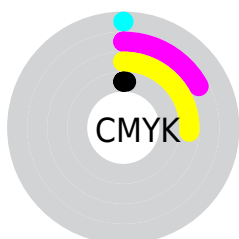
Blue (74%)



Red (99%)

Yellow (86%)

Blue (74%)

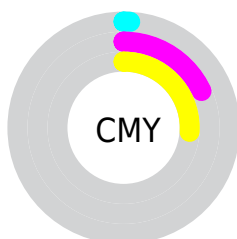


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (1%)



Cyan (1%)


Magenta (18%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 219.7620, 32.9650, 2.7970 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 219.7620, 32.9650, 2.7970 by changing the saturation by 10% instead.


 219.7620, 32.9650,
2.7970


 219.7620, 32.9650,
2.7970


255.0000, -0.0000,
-0.0000


 191.5770, 32.0480,
2.8960


 253.7460, 3.5310,
-3.4210

 164.9790, 30.8560,
2.4720

 137.7940, 29.9390,
2.5710


 112.3100, 28.4260,
2.4580


 87.5270, 26.3170,
2.1330


 64.0430, 24.8040,
2.0200


 41.2600, 22.6950,


1.6950


 20.4770, 20.5860,
1.3700


 0.0000, 0.0000,
0.0000

 219.7620, 32.9650,
2.7970


 219.7620, 32.9650,
2.7970

 206.9330, 45.6650,
3.9130

 232.5910, 20.2650,
1.6810

 193.9900, 58.6860,
4.7180

 245.5340, 7.2440,
0.8760

 181.1610, 71.3860,
5.8340

254.4020, -1.1920,
-0.4240

 167.7450, 84.3610,
7.4730

154.9160, 97.0610,
8.5890

141.9730,
110.0820, 9.3940

129.1440,
122.7820, 10.5100

123.7810,
128.2380, 10.7500

Harmonies

Analogous

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



219.8360, 30.1210, 10.2890



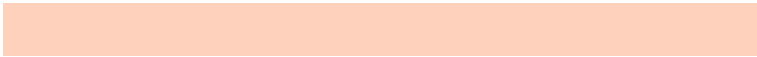
219.7620, 32.9650, 2.7970



217.8870, 24.9430, -6.0090

Triad

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



219.7620, 32.9650, 2.7970



211.2150, -26.1310, -16.5230



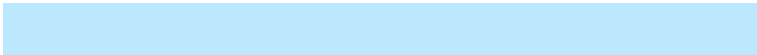
219.4460, -12.5190, 12.1290

Complementary

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



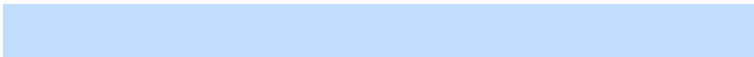
219.7620, 32.9650, 2.7970



221.2380, -32.9650, -2.7970

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.



215.6070, -29.3900, 4.0020



219.7620, 32.9650, 2.7970



210.8040, -37.9150, -12.2110

Square

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



219.7620, 32.9650, 2.7970



213.0830, -8.2040, -16.5240



212.3620, -39.2460, -4.6060



221.7320, 7.2870, 16.6230

Rectangle

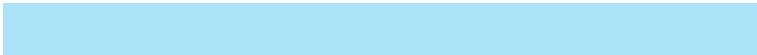
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.7620, 32.9650, 2.7970



216.3480, 16.0950, -10.8570



212.3620, -39.2460, -4.6060



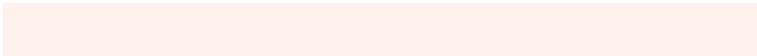
218.3420, -18.1580, 9.6980

Sweetspot

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



219.7620, 32.9650, 2.7970



244.5020, 10.2700, 1.1020



212.4510, 24.6160, 27.4640



121.2350, 6.6480, 0.6640



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

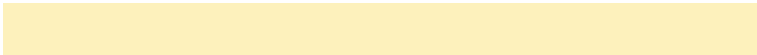
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.7620, 32.9650, 2.7970



214.2960, 40.2090, 3.6730



238.5460, 24.1650, -13.9390



121.2350, 6.6480, 0.6640



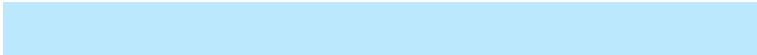
93.5030, 96.7860, 8.0660



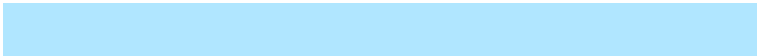
31.4630, 32.3690, 2.5850

Inverse Universe

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



221.2380, -32.9650, -2.7970



216.7040, -40.2090, -3.6730



202.4540, -24.1650, 13.9390



121.1780, -6.3730, -0.1410



98.0840, -97.0610, -8.5890



32.5370, -32.3690, -2.5850

Previews

White Background



This preview shows how the YIQ color 219.7620, 32.9650, 2.7970 looks on a white background.

Color Contrast Check

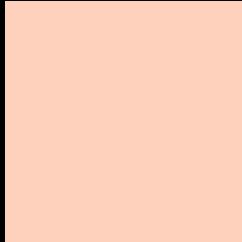
Large Text (above 18pt) WCAG AA × Fail

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 219.7620, 32.9650, 2.7970 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 219.7620, 32.9650, 2.7970

Background



This preview shows how black text looks on a background with the YIQ color 219.7620, 32.9650, 2.7970.



This preview shows how white text looks on a background with the YIQ color 219.7620, 32.9650,

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

219.7620, 32.9650, 2.7970

Protanopia

218.0260, 14.3060, -5.9660

Deuteranopia

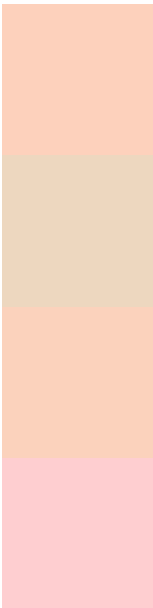
219.4520, 30.9020, 1.6380



Tritanopia

221.6600, 24.9850, 15.2650

Trichromacy



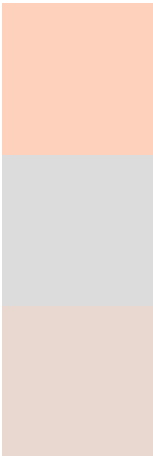
Original Color
219.7620, 32.9650, 2.7970

Protanomaly
218.8420, 20.8160, -2.8000

Deuteranomaly
219.7510, 31.4980, 1.8500

Tritanomaly
220.5800, 27.9660, 10.7980

Monochromacy



Original Color
219.7620, 32.9650, 2.7970

Achromatopsia
220.0000, 0.0000, 0.0000

Achromatomaly
219.8720, 12.1040, 0.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.7620, 32.9650, 2.7970 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(253, 209, 188)` looks like.

```
.text, #text, p{  
    color:rgb(253, 209, 188)  
}
```

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(253, 209, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 209, 188) }
```

Border

The CSS property to change the border of an element to YIQ 219.7620, 32.9650, 2.7970 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(253, 209, 188) }
```


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

```
.border{ border-color:rgb(253, 209, 188) }
```

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

Here you see how a box with a 4 pixel rgb(253, 209, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 209, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 209, 188);  
box-shadow:4px 4px 4px 4px rgb(253, 209,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 219.7620, 32.9650, 2.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 209, 188) }
```

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

```
.background{ background-color: rgb(253,  
209, 188) }
```

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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