

Converting Colors

YIQ(217.7790, 34.2950, 0.7190)

Have a look what the booklet for
YIQ(217.7790, 34.2950, 0.7190)
contains.

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Color

**YIQ(217.7790, 34.2950,
0.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0B5
RGB	251, 208, 181
RGB Percent	98%, 82%, 71%
CMY	0.0156, 0.1844, 0.2900
CMYK	0.00, 0.17, 0.28, 0.02
HSL	23°, 90%, 85%
HSV	23°, 28%, 98%
XYZ	70.6876, 68.9540, 53.3214
YIQ	217.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

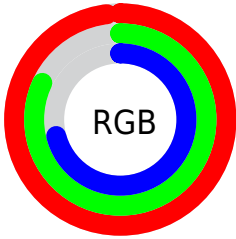
Format	Color
R _Y B	251, 225, 181
Decimal	16502965
CIE Lab	86.48, 11.28, 19.05
CIE LCh	86, 22.136, 59.372
Yxy	68.9540, 0.3663, 0.3573
Android (android.graphics.Color)	4294693045 (0xFFFBDB5)
YUV	217.7790, -18.1320, 29.1348
Hunter-Lab	83.0386, 6.6328, 20.0552

Details

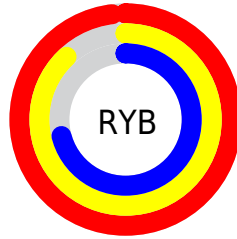
The YIQ color $217.7790, 34.2950, 0.7190$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $214.2210, -34.2950, -0.7190$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $252.9480, 5.7780, -5.5980$, and $162.9960, 32.1860, 0.3940$ is the 20% darker color. If you saturate the color by 10%, you get $206.1240, 46.4450, 0.7890$, and if you desaturate by 10%, it is $229.4340, 22.1450, 0.6490$.

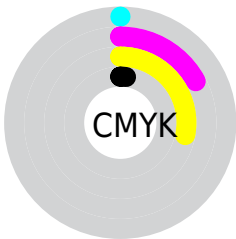
Distribution



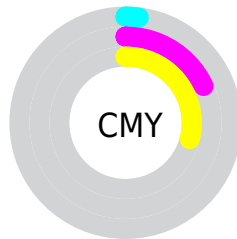
- Red (98%)
- Green (82%)
- Blue (71%)



- Red (98%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (2%)




- Cyan (2%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 217.7790, 34.2950, 0.7190 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 217.7790, 34.2950, 0.7190 by changing the saturation by 10% instead.


 217.7790, 34.2950,
0.7190


 217.7790, 34.2950,
0.7190


255.0000, -0.0000,
-0.0000


 189.5940, 33.3780,
0.8180


 252.9480, 5.7780,
-5.5980

 162.9960, 32.1860,
0.3940

 136.5120, 30.6730,
0.2810

 111.0280, 29.1600,
0.1680

 85.6580, 27.3260,
0.3660

 62.7610, 25.5380,
-0.2700

 39.9780, 23.4290,

-0.5950

■ 19.2920, 19.6690,
1.4690

■ 0.0000, 0.0000,
0.0000

■ 217.7790, 34.2950,
0.7190

■ 217.7790, 34.2950,
0.7190

■ 206.1240, 46.4450,
0.7890

■ 229.4340, 22.1450,
0.6490

■ 193.8820, 58.8700,
1.3820

■ 241.6760, 9.7200,
0.0560

■ 182.2270, 71.0200,
1.4520

■ 253.2170, -2.1090,
-0.3250

■ 169.9850, 83.4450,
2.0450

■ 253.8040, -2.3840,
-0.8480

■ 158.3300, 95.5950,
2.1150

■ 145.9740,
108.3410, 2.3970

■ 134.3190,
120.4910, 2.4670

■ 131.9880,
122.9210, 2.4810

Harmonies

Analogous

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



217.8640, 32.9180, 9.1580



217.7790, 34.2950, 0.7190



215.8220, 23.5680, -8.6240

Triad

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



217.7790, 34.2950, 0.7190



208.8660, -32.4580, -17.4980



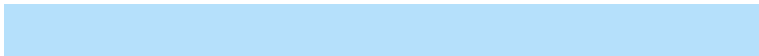
218.4790, -8.1180, 14.9700

Complementary

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



217.7790, 34.2950, 0.7190



214.2210, -34.2950, -0.7190

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.



214.4440, -27.3730, 5.9950



217.7790, 34.2950, 0.7190



208.5800, -43.0960, -11.9280

Square

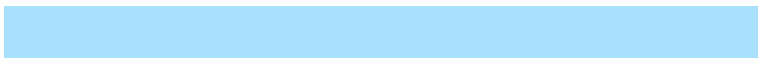
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.7790, 34.2950, 0.7190



210.3920, -13.5680, -18.4320



210.7470, -41.7680, -2.9520



220.1240, 12.0550, 18.3190

Rectangle

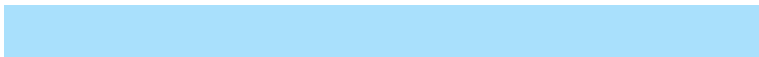
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.7790, 34.2950, 0.7190



213.9130, 12.8860, -13.2740



210.7470, -41.7680, -2.9520



217.7770, -14.9490, 12.1150

Sweetspot

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



217.7790, 34.2950, 0.7190



245.0890, 9.9950, 0.5790



206.8320, 27.9170, 28.2130



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.



217.7790, 34.2950, 0.7190



214.9000, 41.2640, 1.0720



238.3240, 24.6700, -17.5860



118.8220, 6.3730, 0.1410



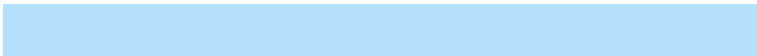
99.3620, 92.5690, 1.8890



32.3270, 29.7560, 0.3800

Inverse Universe

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



214.2210, -34.2950, -0.7190



211.1000, -41.2640, -1.0720



193.6760, -24.6700, 17.5860



118.1780, -6.3730, -0.1410



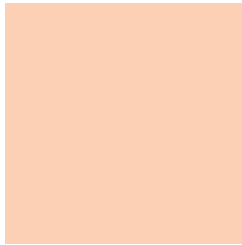
89.6380, -92.5690, -1.8890



29.2600, -30.0310, -0.9030

Previews

White Background



This preview shows how the YIQ color 217.7790, 34.2950, 0.7190 looks on a white background.

Color Contrast Check

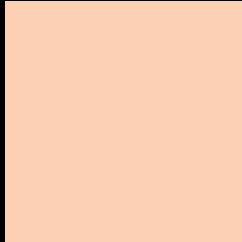
Large Text (above 18pt) WCAG AA × Fail

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 217.7790, 34.2950, 0.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

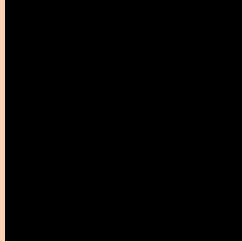
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.7790, 34.2950, 0.7190

Background



This preview shows how black text looks on a background with the YIQ color 217.7790, 34.2950, 0.7190.



This preview shows how white text looks on a background with the YIQ color 217.7790, 34.2950,

0.7190.

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

217.7790, 34.2950, 0.7190

Protanopia

216.0540, 17.1030, -7.0970

Deuteranopia

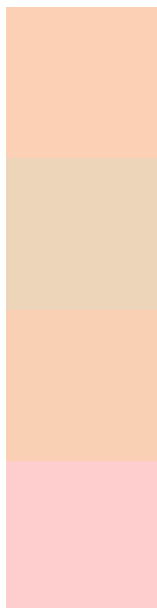
217.4800, 33.6990, 0.5070



Tritanopia

220.2580, 26.1770, 15.6890

Trichromacy



Original Color

217.7790, 34.2950, 0.7190

Protanomaly

216.5710, 23.0170, -4.1430

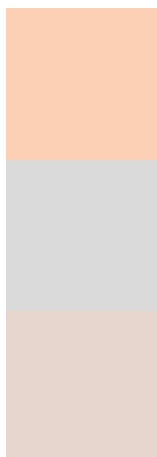
Deuteranomaly

217.4800, 33.6990, 0.5070

Tritanomaly

219.6510, 29.2040, 10.3880

Monochromacy



Original Color

217.7790, 34.2950, 0.7190

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7580, 12.4250, 0.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.7790, 34.2950, 0.7190 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(251, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 181)  
}
```

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(251, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 181) }
```

Border

The CSS property to change the border of an element to YIQ 217.7790, 34.2950, 0.7190 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(251, 208, 181) }
```


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

```
.border{ border-color:rgb(251, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 217.7790, 34.2950, 0.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 181) }
```

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

```
.background{ background-color: rgb(251,  
208, 181) }
```

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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