

Converting Colors

YIQ(193.9730, 30.9930, 5.4970)

Have a look what the booklet for
YIQ(193.9730, 30.9930, 5.4970)
contains.

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Color

**YIQ(193.9730, 30.9930,
5.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B6A9
RGB	227, 182, 169
RGB Percent	89%, 71%, 66%
CMY	0.1097, 0.2863, 0.3371
CMYK	0.00, 0.20, 0.26, 0.11
HSL	13°, 51%, 78%
HSV	13°, 26%, 89%
XYZ	55.5752, 52.6490, 44.7860
YIQ	193.9730, 30.9930, 5.4970

Conversions

Conversions Part 2

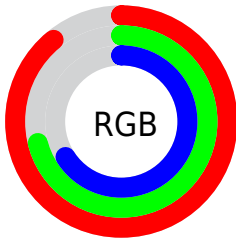
Format	Color
R _Y B	227, 186, 169
Decimal	14923433
CIE Lab	77.67, 14.37, 12.76
CIE LCh	78, 19.212, 41.605
Yxy	52.6490, 0.3632, 0.3441
Android (android.graphics.Color)	4293113513 (0xFFE3B6A9)
YUV	193.9730, -12.3117, 28.9647
Hunter-Lab	72.5596, 9.7382, 14.1962

Details

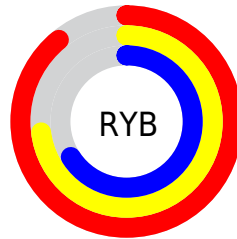
The YIQ color $193.9730, 30.9930, 5.4970$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $202.0270, -30.9930, -5.4970$, and the grayscale version is $194.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.4870, 14.6260, -0.7500$, and $140.1900, 28.8840, 5.1720$ is the 20% darker color. If you saturate the color by 10%, you get $180.7850, 43.3260, 7.7580$, and if you desaturate by 10%, it is $207.1610, 18.6600, 3.2360$.

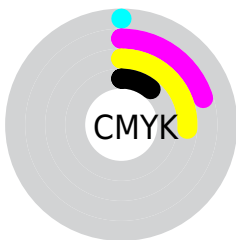
Distribution



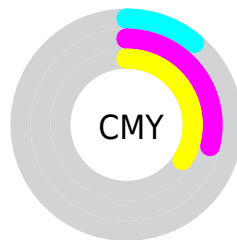
- Red (89%)
- Green (71%)
- Blue (66%)



- Red (89%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9730, 30.9930, 5.4970 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 193.9730, 30.9930, 5.4970 by changing the saturation by 10% instead.

193.9730, 30.9930,
5.4970

193.9730, 30.9930,
5.4970

255.0000, -0.0000,
-0.0000

166.7880, 30.0760,
5.5960

241.4870, 14.6260,
-0.7500

140.1900, 28.8840,
5.1720

254.7720, 0.6420,
-0.6220

114.5920, 27.6920,
4.7480

89.8090, 25.5830,
4.4230

65.6240, 24.6660,
4.5220

43.5420, 21.9610,
3.9850

21.3740, 22.3740,

2.0060

■ 3.2890, 6.5560,
2.3320

■ 0.0000, 0.0000,
0.0000

■ 193.9730, 30.9930,
5.4970

■ 193.9730, 30.9930,
5.4970

■ 180.7850, 43.3260,
7.7580

■ 207.1610, 18.6600,
3.2360

■ 168.2980, 55.0630,
9.8070

■ 219.6480, 6.9230,
1.1870

■ 155.1100, 67.3960,
12.0680

■ 232.8360, -5.4100,
-1.0740

■ 141.9220, 79.7290,
14.3290

■ 245.4540,
-16.1380, -4.8900

■ 129.4350, 91.4660,
16.3780

■ 246.6280,
-16.6880, -5.9360

■ 116.2470,
103.7990, 18.6390

■ 103.6460,
115.8570, 20.3770

■ 97.8100, 121.2670,
21.4510

Harmonies

Analogous

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



195.2210, 27.5990, 11.9430



193.9730, 30.9930, 5.4970



192.4790, 26.2720, -2.5600

Triad

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



193.9730, 30.9930, 5.4970



186.0480, -18.2910, -15.4350



192.1140, -17.5160, 9.0760

Complementary

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



193.9730, 30.9930, 5.4970



202.0270, -30.9930, -5.4970

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.



188.8300, -31.6360, 0.6520



193.9730, 30.9930, 5.4970



184.8000, -32.0920, -13.1160

Square

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



193.9730, 30.9930, 5.4970



188.2580, -1.3270, -14.5030



186.1510, -37.2740, -7.3060



194.5570, 0.4100, 14.6020

Rectangle

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



193.9730, 30.9930, 5.4970



191.3100, 19.2580, -7.6060



186.1510, -37.2740, -7.3060



190.8960, -22.8340, 6.3340

Sweetspot

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



193.9730, 30.9930, 5.4970



243.3280, 10.8200, 2.1480



191.4720, 20.1230, 26.2910



120.6480, 6.9230, 1.1870



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.



193.9730, 30.9930, 5.4970



210.1870, 42.1340, 7.3340



210.9960, 23.0180, -9.6700



108.3490, 6.3270, 0.9750



77.0010, 95.6840, 17.0280



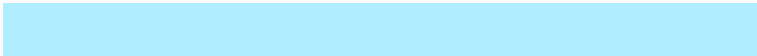
21.7060, 27.3710, 5.0590

Inverse Universe

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



202.0270, -30.9930, -5.4970



220.8130, -42.1340, -7.3340



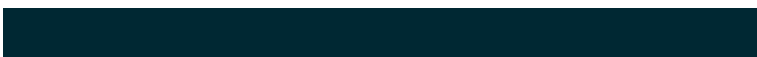
185.0040, -23.0180, 9.6700



109.6510, -6.3270, -0.9750



101.9990, -95.6840, -17.0280



29.2940, -27.3710, -5.0590

Previews

White Background



This preview shows how the YIQ color 193.9730, 30.9930, 5.4970 looks on a white background.

Color Contrast Check

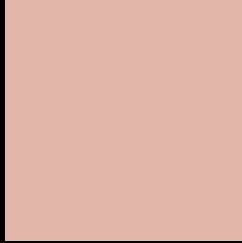
Large Text (above 18pt) WCAG AA × Fail

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 193.9730, 30.9930, 5.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

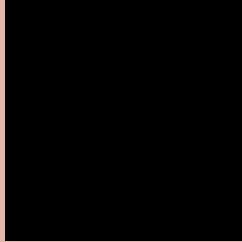
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.9730, 30.9930, 5.4970

Background



This preview shows how black text looks on a background with the YIQ color 193.9730, 30.9930, 5.4970.



This preview shows how white text looks on a background with the YIQ color 193.9730, 30.9930,

5.4970.

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

193.9730, 30.9930, 5.4970

Protanopia

192.3400, 10.5460, -3.9020

Deuteranopia

193.2280, 25.7210, 1.9210



Tritanopia

195.7310, 26.2230, 14.8550

Trichromacy



Original Color

193.9730, 30.9930, 5.4970

Protanomaly

192.7540, 18.2480, -0.3120

Deuteranomaly

193.5380, 27.7840, 3.0800

Tritanomaly

195.1070, 27.9200, 11.6320

Monochromacy



Original Color

193.9730, 30.9930, 5.4970

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.2140, 11.1410, 1.8370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9730, 30.9930, 5.4970 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(227, 182, 169)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 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(227, 182, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 169) }
```

Border

The CSS property to change the border of an element to YIQ 193.9730, 30.9930, 5.4970 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(227, 182, 169) }
```


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

```
.border{ border-color:rgb(227, 182, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 182, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 182, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 182, 169);  
box-shadow:4px 4px 4px 4px rgb(227, 182,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9730, 30.9930, 5.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 169) }
```

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

```
.background{ background-color: rgb(227,  
182, 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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