

Converting Colors

YIQ(193.5500, 27.5100, -2.9700)

Have a look what the booklet for
YIQ(193.5500, 27.5100, -2.9700)
contains.

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Color

**YIQ(193.5500, 27.5100,
-2.9700)**

Conversions

Conversions Part 1

Format	Color
Hex	DABC9E
RGB	218, 188, 158
RGB Percent	85%, 74%, 62%
CMY	0.1450, 0.2628, 0.3803
CMYK	0.00, 0.14, 0.28, 0.15
HSL	30°, 45%, 74%
HSV	30°, 28%, 85%
XYZ	53.0724, 53.3383, 39.8611
YIQ	193.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

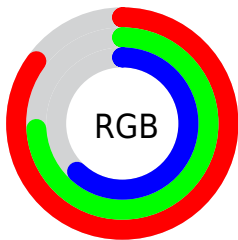
Format	Color
R _Y B	218, 218, 158
Decimal	14335134
CIE Lab	78.07, 6.24, 19.12
CIE LCh	78, 20.115, 71.933
Yxy	53.3383, 0.3628, 0.3647
Android (android.graphics.Color)	4292525214 (0xFFDABC9E)
YUV	193.5500, -17.5262, 21.4426
Hunter-Lab	73.0331, 1.9064, 18.7630

Details

The YIQ color **193.5500, 27.5100, -2.9700** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **182.4500, -27.5100, 2.9700**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7550, 16.5070, -7.3090**, and **139.8810, 25.0800, -2.9840** is the 20% darker color. If you saturate the color by 10%, you get **184.5850, 37.5970, -4.0590**, and if you desaturate by 10%, it is **202.5150, 17.4230, -1.8810**.

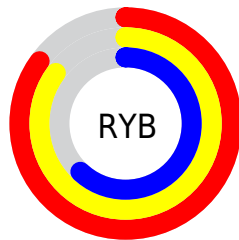
Distribution



Red (85%)

Green (74%)

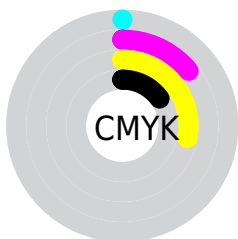
Blue (62%)



Red (85%)

Yellow (85%)

Blue (62%)

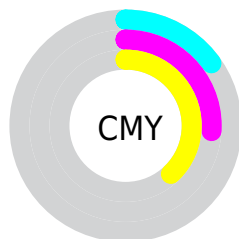


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 193.5500, 27.5100, -2.9700 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 193.5500, 27.5100, -2.9700 by changing the saturation by 10% instead.


 193.5500, 27.5100,
-2.9700

 193.5500, 27.5100,
-2.9700


255.0000, -0.0000,
-0.0000


 166.3650, 26.5930,
-2.8710


 243.7550, 16.5070,
-7.3090


 139.8810, 25.0800,
-2.9840

 253.4040, 4.4940,
-4.3540

 114.5820, 24.4840,
-3.1960

 89.2120, 22.6500,
-2.9980

 65.7280, 21.1370,
-3.1110

 43.2440, 19.6240,
-3.2240

 23.1020, 17.1480,

-2.4040

■ 0.0000, 0.0000,
0.0000

■ 193.5500, 27.5100,
-2.9700

■ 193.5500, 27.5100,
-2.9700

■ 184.5850, 37.5970,
-4.0590

■ 202.5150, 17.4230,
-1.8810

■ 175.6200, 47.6840,
-5.1480

■ 211.4800, 7.3360,
-0.7920

■ 166.7690, 57.4500,
-5.9260

■ 220.3310, -2.4300,
-0.0140

■ 157.8040, 67.5370,
-7.0150

■ 229.2960,
-12.5170, 1.0750

■ 148.8390, 77.6240,
-8.1040

■ 236.8930,
-18.7520, -1.5680

■ 140.4610, 87.4360,
-9.7160

■ 242.7630,
-21.5020, -6.7980

■ 131.4960, 97.5230,
-10.8050

■ 243.9370,
-22.0520, -7.8440

■ 129.1650, 99.9530,
-10.7910

Harmonies

Analogous

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



195.4570, 32.5060, 5.6100



193.5500, 27.5100, -2.9700



191.5760, 15.4530, -10.2350

Triad

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



193.5500, 27.5100, -2.9700



185.9030, -33.8800, -13.7520



195.9700, 0.6850, 15.1250

Complementary

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



193.5500, 27.5100, -2.9700



182.4500, -27.5100, 2.9700

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.



193.2280, -17.8370, 9.3870



193.5500, 27.5100, -2.9700



186.3680, -39.3830, -7.6310

Square

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



193.5500, 27.5100, -2.9700



187.0370, -19.7580, -16.3820



189.4600, -33.4700, 0.8500



196.5930, 17.9240, 16.5800

Rectangle

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



193.5500, 27.5100, -2.9700



190.1940, 4.7250, -14.0510



189.4600, -33.4700, 0.8500



195.2080, -5.9170, 13.6270

Sweetspot

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



193.5500, 27.5100, -2.9700



246.8500, 9.1700, -0.9900



179.4740, 25.8090, 22.3610



122.4090, 6.0980, -0.3820



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.



193.5500, 27.5100, -2.9700



220.7700, 38.5140, -4.1580



210.5730, 19.5350, -18.1370



105.2240, 5.1810, -0.2830



102.7960, 79.1830, -8.8250



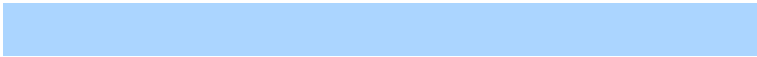
27.2550, 21.0910, -2.2770

Inverse Universe

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



182.4500, -27.5100, 2.9700



205.2300, -38.5140, 4.1580



165.4270, -19.5350, 18.1370



103.1890, -4.9060, 0.8060



70.7910, -79.4580, 8.3020



18.7450, -21.0910, 2.2770

Previews

White Background



This preview shows how the YIQ color 193.5500, 27.5100, -2.9700 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 193.5500, 27.5100, -2.9700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

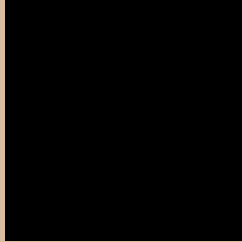
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 193.5500, 27.5100, -2.9700

Background



This preview shows how black text looks on a background with the YIQ color 193.5500, 27.5100, -2.9700.



This preview shows how white text looks on a background with the YIQ color 193.5500, 27.5100,

-2.9700.

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

193.5500, 27.5100, -2.9700

Protanopia

192.5270, 17.1490, -7.9310

Deuteranopia

194.1700, 31.6360, -0.6520



Tritanopia

196.5560, 19.3460, 12.8340

Trichromacy



Original Color

193.5500, 27.5100, -2.9700

Protanomaly

192.7340, 21.0000, -6.1360

Deuteranomaly

194.1590, 30.1690, -1.5990

Tritanomaly

195.5360, 22.0980, 7.0100

Monochromacy



Original Color

193.5500, 27.5100, -2.9700

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0350, 10.0870, -1.0890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.5500, 27.5100, -2.9700 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(218, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(218, 188, 158)  
}
```

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(218, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 188, 158) }
```

Border

The CSS property to change the border of an element to YIQ 193.5500, 27.5100, -2.9700 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(218, 188, 158) }
```


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

```
.border{ border-color:rgb(218, 188, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 188, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(218, 188,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 193.5500, 27.5100, -2.9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 188, 158) }
```

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

```
.background{ background-color: rgb(218,  
188, 158) }
```

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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