

Converting Colors

YIQ(178.7790, 34.2950, 0.7190)

Have a look what the booklet for
YIQ(178.7790, 34.2950, 0.7190)
contains.

YIQ(178.7790, 34.2950, 0.7190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(178.7790, 34.2950,
0.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A98E
RGB	212, 169, 142
RGB Percent	83%, 66%, 56%
CMY	0.1685, 0.3373, 0.4430
CMYK	0.00, 0.20, 0.33, 0.17
HSL	23°, 45%, 69%
HSV	23°, 33%, 83%
XYZ	46.2277, 44.3237, 31.7258
YIQ	178.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

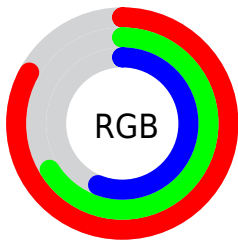
Format	Color
R _Y B	212, 186, 142
Decimal	13937038
CIE Lab	72.44, 11.98, 19.90
CIE LCh	72, 23.230, 58.941
Yxy	44.3237, 0.3781, 0.3625
Android (android.graphics.Color)	4292127118 (0xFFD4A98E)
YUV	178.7790, -18.1320, 29.1348
Hunter-Lab	66.5760, 7.4353, 18.3495

Details

The YIQ color $178.7790, 34.2950, 0.7190$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $175.2210, -34.2950, -0.7190$, and the grayscale version is $179.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $230.0770, 27.4640, -2.1360$, and $125.8110, 31.2690, 0.4930$ is the 20% darker color. If you saturate the color by 10%, you get $168.7540, 44.6110, 0.9870$, and if you desaturate by 10%, it is $188.8040, 23.9790, 0.4510$.

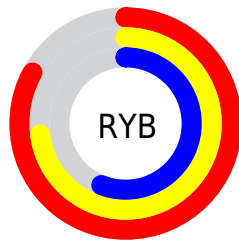
Distribution



Red (83%)

Green (66%)

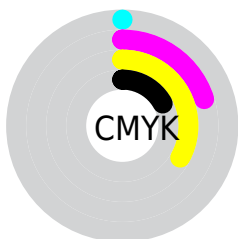
Blue (56%)



Red (83%)

Yellow (73%)

Blue (56%)

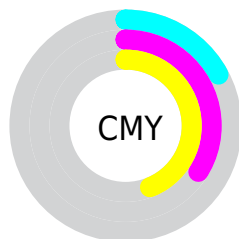


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (17%)



Cyan (17%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 178.7790, 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 178.7790, 34.2950, 0.7190 by changing the saturation by 10% instead.


 178.7790, 34.2950,
0.7190


 178.7790, 34.2950,
0.7190


255.0000, -0.0000,
-0.0000


 152.1810, 33.1030,
0.2950


 230.0770, 27.4640,
-2.1360


 125.8110, 31.2690,
0.4930


 250.2920, 10.5010,
-8.5950

 100.3270, 29.7560,
0.3800

 254.6580, 0.9630,
-0.9330

 76.4300, 27.9680,
-0.2560

 53.0600, 26.1340,
-0.0580

 30.8210, 25.3090,
-1.6270

 9.2690, 18.4760,

6.5720

■ 0.0000, 0.0000,
0.0000

■ 178.7790, 34.2950,
0.7190

■ 178.7790, 34.2950,
0.7190

■ 168.7540, 44.6110,
0.9870

■ 188.8040, 23.9790,
0.4510

■ 158.7290, 54.9270,
1.2550

■ 198.8290, 13.6630,
0.1830

■ 148.5900, 65.5640,
1.2120

■ 208.9680, 3.0260,
0.2260

■ 138.5650, 75.8800,
1.4800

■ 218.9930, -7.2900,
-0.0420

■ 128.5400, 86.1960,
1.7480

■ 229.0180,
-17.6060, -0.3100

■ 118.5150, 96.5120,
2.0160

■ 237.4470,
-23.4280, -4.9320

■ 111.5220,
103.8020, 2.0580

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



180.3590, 35.8980, 10.2180



178.7790, 34.2950, 0.7190



176.7080, 23.8890, -8.9350

Triad

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



178.7790, 34.2950, 0.7190



169.5670, -33.0540, -17.7100



179.8810, -9.3100, 14.5460

Complementary

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



178.7790, 34.2950, 0.7190



175.2210, -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.



175.8890, -30.1240, 6.2920



178.7790, 34.2950, 0.7190



168.3840, -45.4800, -12.7760

Square

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



178.7790, 34.2950, 0.7190



171.3920, -13.5680, -18.4320



171.4370, -43.8310, -4.1110



181.2380, 11.7340, 18.6300

Rectangle

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



178.7790, 34.2950, 0.7190



175.3860, 12.9320, -14.1080



171.4370, -43.8310, -4.1110



178.7060, -16.1870, 12.5250

Sweetspot

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



178.7790, 34.2950, 0.7190



242.7580, 12.4250, 0.5930



167.8320, 27.9170, 28.2130



120.3060, 7.8860, 0.2540



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.



178.7790, 34.2950, 0.7190



206.3910, 50.0670, 1.2270



199.3240, 24.6700, -17.5860



102.2240, 5.1810, -0.2830



89.8710, 83.7660, 1.7340



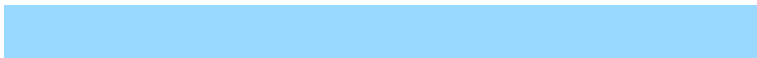
22.8360, 20.9530, 0.2250

Inverse Universe

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



175.2210, -34.2950, -0.7190



201.6090, -50.0670, -1.2270



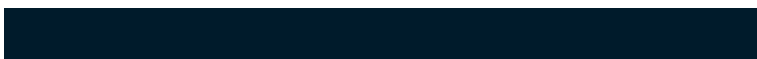
154.6760, -24.6700, 17.5860



101.3630, -5.4560, -0.2400



81.1290, -83.7660, -1.7340



20.7510, -21.2280, -0.7480

Previews

White Background



This preview shows how the YIQ color 178.7790, 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 178.7790, 34.2950, 0.7190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

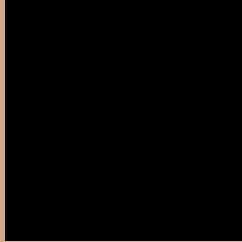
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7790, 34.2950, 0.7190

Background



This preview shows how black text looks on a background with the YIQ color 178.7790, 34.2950, 0.7190.



This preview shows how white text looks on a background with the YIQ color 178.7790, 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

178.7790, 34.2950, 0.7190

Protanopia

177.3420, 16.2320, -7.8320

Deuteranopia

178.4580, 30.7650, -1.3870



Tritanopia

181.0300, 26.8190, 15.0670

Trichromacy



Original Color

178.7790, 34.2950, 0.7190

Protanomaly

178.1580, 22.7420, -4.6660

Deuteranomaly

178.4690, 32.2320, -0.4400

Tritanomaly

180.4230, 29.8460, 9.7660

Monochromacy



Original Color

178.7790, 34.2950, 0.7190

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.7580, 12.4250, 0.5930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7790, 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(212, 169, 142)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 142)  
}
```

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(212, 169, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 142) }
```

Border

The CSS property to change the border of an element to YIQ 178.7790, 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(212, 169, 142) }
```


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

```
.border{ border-color:rgb(212, 169, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 142);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7790, 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(212, 169, 142) }
```

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

```
.background{ background-color: rgb(212,  
169, 142) }
```

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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