

Converting Colors

YIQ(196.7320, 41.6770, -0.9070)

Have a look what the booklet for
YIQ(196.7320, 41.6770, -0.9070)
contains.

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Color

**YIQ(196.7320, 41.6770,
-0.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	ECBA95
RGB	236, 186, 149
RGB Percent	93%, 73%, 58%
CMY	0.0744, 0.2706, 0.4155
CMYK	0.00, 0.21, 0.37, 0.07
HSL	25°, 70%, 76%
HSV	25°, 37%, 93%
XYZ	57.5834, 55.1175, 36.0583
YIQ	196.7320, 41.6770, -0.9070

Conversions

Conversions Part 2

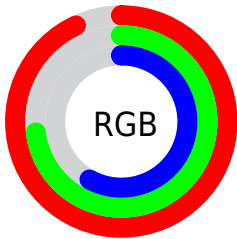
Format	Color
R _Y B	236, 213, 149
Decimal	15514261
CIE Lab	79.11, 13.13, 25.61
CIE LCh	79, 28.779, 62.859
Yxy	55.1175, 0.3871, 0.3705
Android (android.graphics.Color)	4293704341 (0xFFECBA95)
YUV	196.7320, -23.5319, 34.4380
Hunter-Lab	74.2411, 8.5274, 23.1722

Details

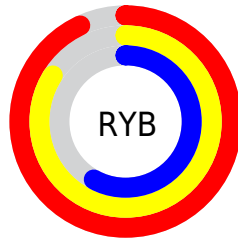
The YIQ color **196.7320, 41.6770, -0.9070** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **188.2680, -41.6770, 0.9070**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **241.4410, 20.2670, -9.3730**, and **142.7640, 38.6510, -1.1330** is the 20% darker color. If you saturate the color by 10%, you get **185.7780, 53.2310, -1.0490**, and if you desaturate by 10%, it is **207.6860, 30.1230, -0.7650**.

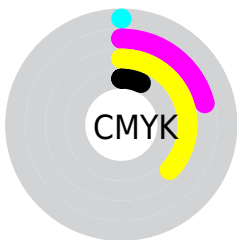
Distribution



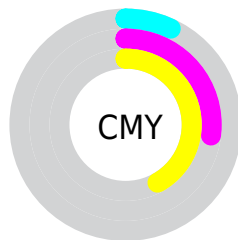
- Red (93%)
- Green (73%)
- Blue (58%)



- Red (93%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (7%)





- Cyan (7%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.7320, 41.6770, -0.9070 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 196.7320, 41.6770, -0.9070 by changing the saturation by 10% instead.


 196.7320, 41.6770,
-0.9070


 196.7320, 41.6770,
-0.9070


255.0000, -0.0000,
-0.0000


 169.2480, 40.1640,
-1.0200


 241.4410, 20.2670,
-9.3730


 142.7640, 38.6510,
-1.1330

 252.3780, 7.3830,
-7.1530

 116.9810, 36.5420,
-1.4580

 91.6110, 34.7080,
-1.2600

 67.5290, 32.0030,
-1.7970

 44.4040, 30.8570,
-3.0550

 24.6190, 23.0620,

0.5500

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 196.7320, 41.6770,
-0.9070

■ 196.7320, 41.6770,
-0.9070

■ 185.7780, 53.2310,
-1.0490

■ 207.6860, 30.1230,
-0.7650

■ 175.5250, 64.1890,
-1.4030

■ 217.9390, 19.1650,
-0.4110

■ 164.5710, 75.7430,
-1.5450

■ 228.8930, 7.6110,
-0.2690

■ 154.3180, 86.7010,
-1.8990

■ 239.1460, -3.3470,
0.0850

■ 143.3640, 98.2550,
-2.0410

■ 248.7320,
-11.0490, -3.5050

■ 132.9970,
109.5340, -2.7060

■ 249.3190,
-11.3240, -4.0280

■ 129.2640,
113.1560, -2.2680

Harmonies

Analogous

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



198.6760, 45.2510, 11.4190



196.7320, 41.6770, -0.9070



194.3400, 27.7410, -12.6670

Triad

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



196.7320, 41.6770, -0.9070



184.4020, -45.8910, -21.8510



198.5270, -8.0730, 19.6630

Complementary

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



196.7320, 41.6770, -0.9070



188.2680, -41.6770, 0.9070

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.



193.6590, -35.1680, 9.6000



196.7320, 41.6770, -0.9070



183.4900, -60.5180, -15.5740

Square

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



196.7320, 41.6770, -0.9070



187.9240, -21.1780, -23.6900



187.5050, -55.7060, -3.6580



200.5210, 18.4270, 23.9870

Rectangle

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



196.7320, 41.6770, -0.9070



192.6370, 13.4830, -18.5890



187.5050, -55.7060, -3.6580



197.1560, -17.3340, 16.7940

Sweetspot

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



196.7320, 41.6770, -0.9070



242.4160, 13.3880, -0.3400



180.8270, 35.4810, 34.3050



120.1920, 8.2070, -0.0570



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.



196.7320, 41.6770, -0.9070



204.0770, 53.8270, -0.8370



221.9730, 29.8520, -23.3960



112.2240, 5.1810, -0.2830



99.3180, 86.7010, -1.8990



29.6470, 25.8590, -0.5810

Inverse Universe

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



188.2680, -41.6770, 0.9070



193.3360, -53.5520, 1.3600



163.0270, -29.8520, 23.3960



110.7760, -5.1810, 0.2830



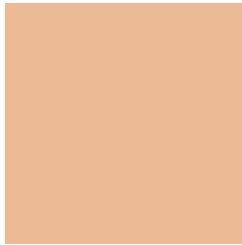
81.6820, -86.7010, 1.8990



24.3530, -25.8590, 0.5810

Previews

White Background



This preview shows how the YIQ color 196.7320, 41.6770, -0.9070 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 196.7320, 41.6770, -0.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

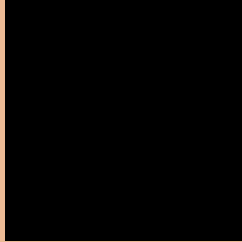
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.7320, 41.6770, -0.9070

Background



This preview shows how black text looks on a background with the YIQ color 196.7320, 41.6770, -0.9070.



This preview shows how white text looks on a background with the YIQ color 196.7320, 41.6770, -0.9070.

-0.9070.

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

196.7320, 41.6770, -0.9070

Protanopia

195.0990, 21.2300, -10.3060

Deuteranopia

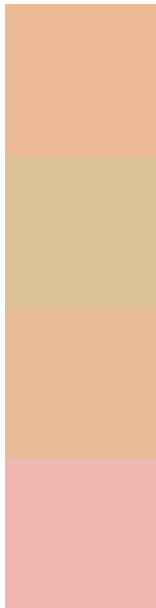
196.4110, 38.1470, -3.0130



Tritanopia

199.8350, 31.8620, 17.2860

Trichromacy



Original Color

196.7320, 41.6770, -0.9070

Protanomaly

195.5130, 28.9320, -6.7160

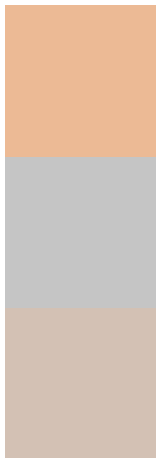
Deuteranomaly

196.4220, 39.6140, -2.0660

Tritanomaly

198.5870, 35.2560, 10.8400

Monochromacy



Original Color

196.7320, 41.6770, -0.9070

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.9000, 14.9010, -0.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7320, 41.6770, -0.9070 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(236, 186, 149)` looks like.

```
.text, #text, p{  
    color:rgb(236, 186, 149)  
}
```

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(236, 186, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 186, 149) }
```

Border

The CSS property to change the border of an element to YIQ 196.7320, 41.6770, -0.9070 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(236, 186, 149) }
```


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

```
.border{ border-color:rgb(236, 186, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 186, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 186, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 186, 149);  
box-shadow:4px 4px 4px 4px rgb(236, 186,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7320, 41.6770, -0.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 186, 149) }
```

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

```
.background{ background-color: rgb(236,  
186, 149) }
```

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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