

Converting Colors

YIQ(196.4920, 42.5930, 4.5210)

Have a look what the booklet for
YIQ(196.4920, 42.5930, 4.5210)
contains.

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Color

**YIQ(196.4920, 42.5930,
4.5210)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B69D
RGB	240, 182, 157
RGB Percent	94%, 71%, 62%
CMY	0.0587, 0.2863, 0.3841
CMYK	0.00, 0.24, 0.35, 0.06
HSL	18°, 73%, 78%
HSV	18°, 35%, 94%
XYZ	58.7586, 54.4126, 39.3256
YIQ	196.4920, 42.5930, 4.5210

Conversions

Conversions Part 2

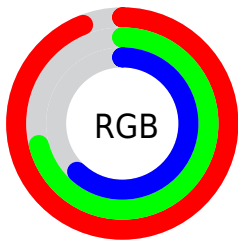
Format	Color
R _Y B	240, 193, 157
Decimal	15775389
CIE Lab	78.70, 17.74, 20.85
CIE LCh	79, 27.376, 49.602
Yxy	54.4126, 0.3853, 0.3568
Android (android.graphics.Color)	4293965469 (0xFFFF0B69D)
YUV	196.4920, -19.4696, 38.1565
Hunter-Lab	73.7649, 13.0986, 20.0267

Details

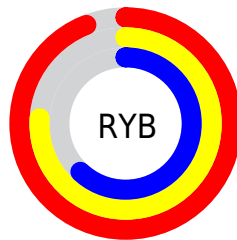
The YIQ color **196.4920, 42.5930, 4.5210** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **200.5080, -42.5930, -4.5210**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.1190, 18.4780, -4.4820**, and **142.2250, 38.9710, 4.0830** is the 20% darker color. If you saturate the color by 10%, you get **183.7770, 54.9720, 5.9480**, and if you desaturate by 10%, it is **209.2070, 30.2140, 3.0940**.

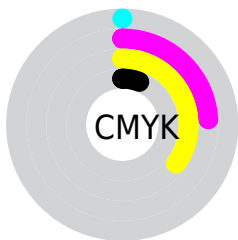
Distribution



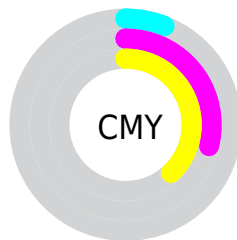
- Red (94%)
- Green (71%)
- Blue (62%)



- Red (94%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (35%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.4920, 42.5930, 4.5210 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 196.4920, 42.5930, 4.5210 by changing the saturation by 10% instead.


 196.4920, 42.5930,
4.5210


 196.4920, 42.5930,
4.5210


255.0000, -0.0000,
-0.0000


 169.0080, 41.0800,
4.4080


 240.1190, 18.4780,
-4.4820


 142.2250, 38.9710,
4.0830

 253.2900, 4.8150,
-4.6650

 116.6270, 37.7790,
3.6590

 90.9580, 35.3490,
3.6450

 67.1750, 33.2400,
3.3200

 44.0930, 30.5350,
2.7830

 22.5810, 26.2250,

3.8010

■ 7.5890, 14.5790,
5.6110

■ 0.0000, 0.0000,
0.0000

■ 196.4920, 42.5930,
4.5210

■ 196.4920, 42.5930,
4.5210

■ 183.7770, 54.9720,
5.9480

■ 209.2070, 30.2140,
3.0940

■ 171.0620, 67.3510,
7.3750

■ 221.9220, 17.8350,
1.6670

■ 158.9340, 79.4550,
8.2790

■ 234.0500, 5.7310,
0.7630

■ 146.2190, 91.8340,
9.7060

■ 246.7650, -6.6480,
-0.6640

■ 133.5040,
104.2130, 11.1330

■ 250.5150, -8.9400,
-3.1800

■ 120.7890,
116.5920, 12.5600

■ 114.0240,
123.2400, 13.2240

Harmonies

Analogous

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



198.1580, 41.0780, 15.4620



196.4920, 42.5930, 4.5210



194.4380, 33.5170, -7.2110

Triad

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



196.4920, 42.5930, 4.5210



185.3340, -34.0160, -22.3040



195.7320, -19.0760, 15.3240

Complementary

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



196.4920, 42.5930, 4.5210



200.5080, -42.5930, -4.5210

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.



190.6640, -42.7320, 3.5080



196.4920, 42.5930, 4.5210



183.2150, -52.4940, -17.8220

Square

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



196.4920, 42.5930, 4.5210



188.6220, -8.5240, -21.7400



184.8590, -56.9430, -8.7750



198.8940, 7.0110, 21.6270

Rectangle

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



196.4920, 42.5930, 4.5210



192.7630, 22.0560, -14.2640



184.8590, -56.9430, -8.7750



194.1330, -27.6950, 11.8330

Sweetspot

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



196.4920, 42.5930, 4.5210



241.5840, 12.9750, 1.6390



188.4290, 30.8500, 35.6340



119.7190, 8.1610, 0.7770



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.



196.4920, 42.5930, 4.5210



200.1790, 53.7800, 5.5240



220.5590, 31.3180, -16.9220



113.3490, 6.3270, 0.9750



87.3010, 94.5390, 10.2430



26.7230, 28.7010, 2.9810

Inverse Universe

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



200.5080, -42.5930, -4.5210



205.4080, -54.0550, -6.0470



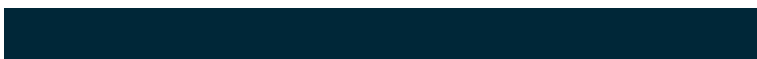
176.4410, -31.3180, 16.9220



114.0640, -6.0520, -0.4520



96.1120, -94.2640, -9.7200



29.2770, -28.7010, -2.9810

Previews

White Background



This preview shows how the YIQ color 196.4920, 42.5930, 4.5210 looks on a white background.

Color Contrast Check

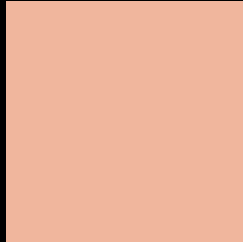
Large Text (above 18pt) WCAG AA × Fail

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 196.4920, 42.5930, 4.5210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

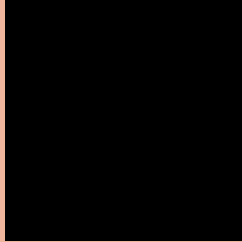
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.4920, 42.5930, 4.5210

Background



This preview shows how black text looks on a background with the YIQ color 196.4920, 42.5930, 4.5210.



This preview shows how white text looks on a background with the YIQ color 196.4920, 42.5930,

4.5210.

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

196.4920, 42.5930, 4.5210

Protanopia

194.6410, 16.8280, -7.6200

Deuteranopia

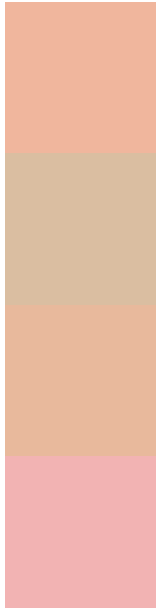
195.4260, 33.7910, -1.1610



Tritanopia

198.3300, 34.8420, 18.3460

Trichromacy



Original Color

196.4920, 42.5930, 4.5210

Protanomaly

195.0660, 25.9970, -3.0830

Deuteranomaly

195.7470, 37.3210, 0.9450

Tritanomaly

197.8370, 37.5480, 13.3560

Monochromacy



Original Color

196.4920, 42.5930, 4.5210

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.2530, 15.4050, 1.6530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.4920, 42.5930, 4.5210 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(240, 182, 157)` looks like.

```
.text, #text, p{  
    color:rgb(240, 182, 157)  
}
```

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(240, 182, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 182, 157) }
```

Border

The CSS property to change the border of an element to YIQ 196.4920, 42.5930, 4.5210 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(240, 182, 157) }
```


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

```
.border{ border-color:rgb(240, 182, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 182, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 182, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 182, 157);  
box-shadow:4px 4px 4px 4px rgb(240, 182,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 196.4920, 42.5930, 4.5210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 182, 157) }
```

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

```
.background{ background-color: rgb(240,  
182, 157) }
```

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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