

Converting Colors

YIQ(196.7820, 30.2130, 8.6210)

Have a look what the booklet for
YIQ(196.7820, 30.2130, 8.6210)
contains.

YIQ(196.7820, 30.2130, 8.6210)	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(196.7820, 30.2130,
8.6210)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B7B2
RGB	231, 183, 178
RGB Percent	91%, 72%, 70%
CMY	0.0940, 0.2824, 0.3018
CMYK	0.00, 0.21, 0.23, 0.09
HSL	6°, 53%, 80%
HSV	6°, 23%, 91%
XYZ	57.9325, 54.0679, 49.5189
YIQ	196.7820, 30.2130, 8.6210

Conversions

Conversions Part 2

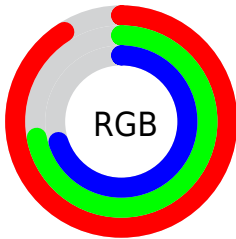
Format	Color
R _Y B	231, 184, 178
Decimal	15185842
CIE Lab	78.50, 16.60, 9.13
CIE LCh	79, 18.945, 28.809
Yxy	54.0679, 0.3587, 0.3347
Android (android.graphics.Color)	4293375922 (0xFFE7B7B2)
YUV	196.7820, -9.2595, 30.0092
Hunter-Lab	73.5309, 11.9551, 11.5432

Details

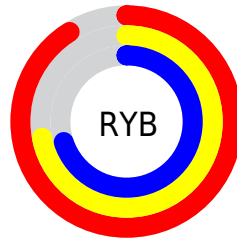
The YIQ color $196.7820, 30.2130, 8.6210$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $212.2180, -30.2130, -8.6210$, and the grayscale version is $197.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $243.2140, 11.1410, 1.8370$, and $142.8850, 28.4250, 7.9850$ is the 20% darker color. If you saturate the color by 10%, you get $181.8330, 43.3710, 12.4510$, and if you desaturate by 10%, it is $211.7310, 17.0550, 4.7910$.

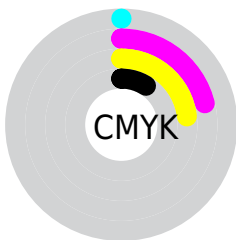
Distribution



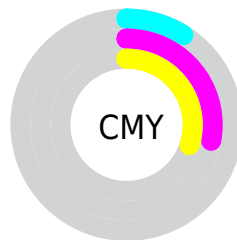
- Red (91%)
- Green (72%)
- Blue (70%)



- Red (91%)
- Yellow (72%)
- Blue (70%)



- Cyan (0%)
- Magenta (21%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.7820, 30.2130, 8.6210 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 196.7820, 30.2130, 8.6210 by changing the saturation by 10% instead.


 196.7820, 30.2130,
8.6210


 196.7820, 30.2130,
8.6210


255.0000, -0.0000,
-0.0000


 169.4830, 29.6170,
8.4090


 243.2140, 11.1410,
1.8370

 142.8850, 28.4250,
7.9850

 117.1020, 26.3160,
7.6600

 91.9170, 25.3990,
7.7590

 68.0200, 23.6110,
7.1230

 45.5360, 22.0980,
7.0100

 23.4110, 20.9520,

5.7520

■ 6.5780, 13.1120,
4.6640

■ 0.0000, 0.0000,
0.0000

■ 196.7820, 30.2130,
8.6210

■ 196.7820, 30.2130,
8.6210

■ 181.8330, 43.3710,
12.4510

■ 211.7310, 17.0550,
4.7910

■ 166.8840, 56.5290,
16.2810

■ 226.6800, 3.8970,
0.9610

■ 151.9350, 69.6870,
20.1110

■ 241.6290, -9.2610,
-2.8690

■ 136.9860, 82.8450,
23.9410

■ 247.8240,
-14.3040, -5.0880

■ 122.0370, 96.0030,
27.7710

■ 106.9740,
109.4820, 31.2900

■ 92.0250, 122.6400,
35.1200

■ 81.9830, 131.6260,
37.4660

Harmonies

Analogous

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



197.6490, 23.5180, 14.3180



196.7820, 30.2130, 8.6210



195.5550, 29.1140, 1.0020

Triad

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



196.7820, 30.2130, 8.6210



189.4680, -10.7260, -14.8700



193.1840, -23.7050, 5.5990

Complementary

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



196.7820, 30.2130, 8.6210



212.2180, -30.2130, -8.6210

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.



189.8680, -34.7990, -2.5990



196.7820, 30.2130, 8.6210



187.7960, -26.2690, -14.0210

Square

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



196.7820, 30.2130, 8.6210



191.6180, 6.4670, -12.5810



187.6410, -35.8980, -10.2180



196.0830, -7.0630, 12.3690

Rectangle

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



196.7820, 30.2130, 8.6210



194.3430, 23.6590, -4.7650



187.6410, -35.8980, -10.2180



191.8520, -28.7020, 2.5460

Sweetspot

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



196.7820, 30.2130, 8.6210



243.5560, 10.1780, 2.7700



199.4330, 15.8590, 26.4750



120.8760, 6.2810, 1.8090



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.



196.7820, 30.2130, 8.6210



208.7510, 40.6660, 11.9140



212.0440, 23.0630, -4.9770



107.1750, 6.8770, 2.0210



63.5000, 102.0090, 29.0570



18.1840, 29.0210, 8.1970

Inverse Universe

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



212.2180, -30.2130, -8.6210



229.6620, -40.3910, -11.3910



196.9560, -23.0630, 4.9770



110.8250, -6.8770, -2.0210



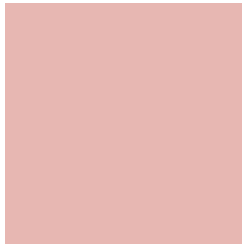
115.5000, -102.0090, -29.0570



32.8160, -29.0210, -8.1970

Previews

White Background



This preview shows how the YIQ color 196.7820, 30.2130, 8.6210 looks on a white background.

Color Contrast Check

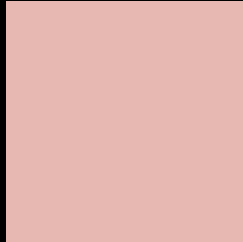
Large Text (above 18pt) WCAG AA × Fail

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 196.7820, 30.2130, 8.6210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

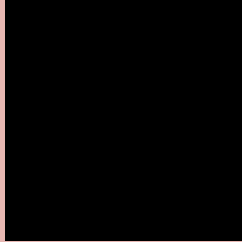
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.7820, 30.2130, 8.6210

Background



This preview shows how black text looks on a background with the YIQ color 196.7820, 30.2130, 8.6210.



This preview shows how white text looks on a background with the YIQ color 196.7820, 30.2130,

8.6210.

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

196.7820, 30.2130, 8.6210

Protanopia

194.6540, 6.7860, -1.8380

Deuteranopia

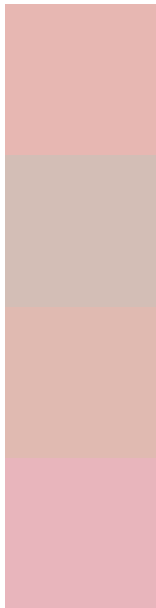
196.3140, 22.6030, 3.3630



Tritanopia

197.4430, 27.0940, 15.5900

Trichromacy



Original Color

196.7820, 30.2130, 8.6210

Protanomaly

195.3670, 15.0840, 1.9640

Deuteranomaly

196.3360, 25.5370, 5.2570

Tritanomaly

197.0470, 28.1490, 12.9890

Monochromacy



Original Color

196.7820, 30.2130, 8.6210

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.8550, 10.7740, 2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7820, 30.2130, 8.6210 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(231, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 178)  
}
```

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(231, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 178) }
```

Border

The CSS property to change the border of an element to YIQ 196.7820, 30.2130, 8.6210 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(231, 183, 178) }
```


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

```
.border{ border-color:rgb(231, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
178) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7820, 30.2130, 8.6210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 178) }
```

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

```
.background{ background-color: rgb(231,  
183, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor