

Converting Colors

YIQ(206.2440, 28.7920, 6.8400)

Have a look what the booklet for
YIQ(206.2440, 28.7920, 6.8400)
contains.

YIQ(206.2440, 28.7920, 6.8400)	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(206.2440, 28.7920,
6.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC2BA
RGB	238, 194, 186
RGB Percent	93%, 76%, 73%
CMY	0.0666, 0.2393, 0.2705
CMYK	0.00, 0.19, 0.22, 0.07
HSL	9°, 60%, 83%
HSV	9°, 22%, 93%
XYZ	63.4223, 60.3034, 54.7685
YIQ	206.2440, 28.7920, 6.8400

Conversions

Conversions Part 2

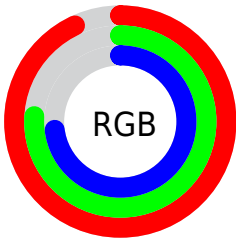
Format	Color
R _Y B	238, 195, 186
Decimal	15647418
CIE Lab	82.00, 14.50, 9.91
CIE LCh	82, 17.562, 34.365
Yxy	60.3034, 0.3553, 0.3378
Android (android.graphics.Color)	4293837498 (0xFFEEC2BA)
YUV	206.2440, -9.9803, 27.8500
Hunter-Lab	77.6552, 9.8872, 12.5428

Details

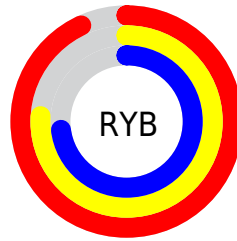
The YIQ color $206.2440, 28.7920, 6.8400$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.7560, -28.7920, -6.8400$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1700, 5.2730, -1.9510$, and $151.4610, 26.6830, 6.5150$ is the 20% darker color. If you saturate the color by 10%, you get $191.7680, 41.9960, 9.8360$, and if you desaturate by 10%, it is $220.7200, 15.5880, 3.8440$.

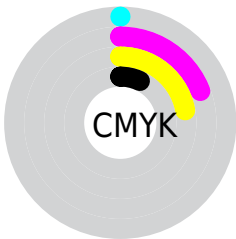
Distribution



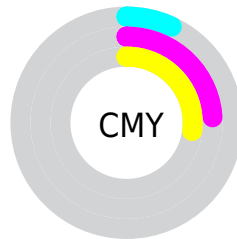
- Red (93%)
- Green (76%)
- Blue (73%)



- Red (93%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 206.2440, 28.7920, 6.8400 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 206.2440, 28.7920, 6.8400 by changing the saturation by 10% instead.


 206.2440, 28.7920,
6.8400


 206.2440, 28.7920,
6.8400


255.0000, -0.0000,
-0.0000


 178.6460, 27.6000,
6.4160


 251.1700, 5.2730,
-1.9510

 151.4610, 26.6830,
6.5150

 125.8630, 25.4910,
6.0910

 100.5640, 24.8950,
5.8790

 76.0800, 23.3820,
5.7660

 53.2970, 21.2730,
5.4410

 31.4000, 19.4850,

4.8050

■ 9.8670, 19.6680,
6.9960

■ 0.0000, 0.0000,
0.0000

■ 206.2440, 28.7920,
6.8400

■ 206.2440, 28.7920,
6.8400

■ 191.7680, 41.9960,
9.8360

■ 220.7200, 15.5880,
3.8440

■ 177.2920, 55.2000,
12.8320

■ 235.1960, 2.3840,
0.8480

■ 162.9300, 68.0830,
16.1390

■ 249.3300, -9.8570,
-3.0810

■ 147.8670, 81.5620,
19.6580

■ 249.9170,
-10.1320, -3.6040

■ 133.3910, 94.7660,
22.6540

■ 118.9150,
107.9700, 25.6500

■ 104.4390,
121.1740, 28.6460

■ 92.2940, 131.9480,
31.6280

Harmonies

Analogous

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



207.4810, 23.9310, 12.3390



206.2440, 28.7920, 6.8400



204.9460, 26.4550, -0.3690

Triad

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



206.2440, 28.7920, 6.8400



199.2120, -12.8810, -14.3610



203.7500, -19.4870, 6.2490

Complementary

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



206.2440, 28.7920, 6.8400



217.7560, -28.7920, -6.8400

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.



200.0750, -30.9480, -0.8040



206.2440, 28.7920, 6.8400



198.1380, -27.2320, -13.0880

Square

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



206.2440, 28.7920, 6.8400



201.4650, 2.5240, -12.7080



198.4780, -33.8810, -8.2250



205.9370, -3.7160, 12.2840

Rectangle

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



206.2440, 28.7920, 6.8400



203.8480, 20.6790, -5.8250



198.4780, -33.8810, -8.2250



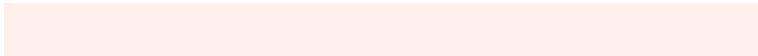
202.2440, -23.9340, 4.2420

Sweetspot

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



206.2440, 28.7920, 6.8400



244.1430, 9.9030, 2.2470



206.5640, 16.8680, 24.7080



121.4630, 6.0060, 1.2860



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.



206.2440, 28.7920, 6.8400



214.6040, 36.5860, 8.7620



221.5060, 21.6420, -6.7580



112.7620, 6.6020, 1.4980



71.4520, 101.9640, 24.3640



22.0270, 30.9010, 7.1650

Inverse Universe

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



217.7560, -28.7920, -6.8400



229.3960, -36.5860, -8.7620



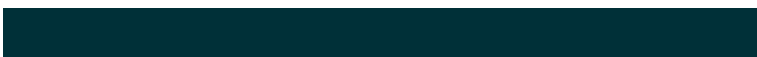
202.4940, -21.6420, 6.7580



115.2380, -6.6020, -1.4980



112.5480, -101.9640, -24.3640



34.5600, -31.1760, -7.6880

Previews

White Background



This preview shows how the YIQ color 206.2440, 28.7920, 6.8400 looks on a white background.

Color Contrast Check

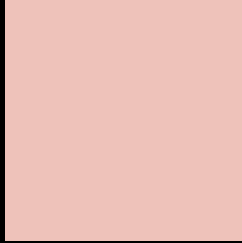
Large Text (above 18pt) WCAG AA × Fail

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 206.2440, 28.7920, 6.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

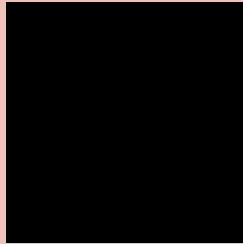
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.2440, 28.7920, 6.8400

Background



This preview shows how black text looks on a background with the YIQ color 206.2440, 28.7920, 6.8400.



This preview shows how white text looks on a background with the YIQ color 206.2440, 28.7920,

6.8400.

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

206.2440, 28.7920, 6.8400

Protanopia

204.0240, 8.6200, -2.0360

Deuteranopia

205.7980, 24.1160, 3.4760



Tritanopia

207.3610, 24.3890, 15.0530

Trichromacy



Original Color

206.2440, 28.7920, 6.8400

Protanomaly

205.0250, 16.0470, 1.0310

Deuteranomaly

206.1080, 26.1790, 4.6350

Tritanomaly

206.8510, 25.7650, 12.1410

Monochromacy



Original Color

206.2440, 28.7920, 6.8400

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

206.4420, 10.4990, 2.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.2440, 28.7920, 6.8400 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(238, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 186)  
}
```

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(238, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 186) }
```

Border

The CSS property to change the border of an element to YIQ 206.2440, 28.7920, 6.8400 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(238, 194, 186) }
```


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

```
.border{ border-color:rgb(238, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 206.2440, 28.7920, 6.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 186) }
```

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

```
.background{ background-color: rgb(238,  
194, 186) }
```

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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