

Converting Colors

YIQ(196.6820, 45.1140, 8.3940)

Have a look what the booklet for
YIQ(196.6820, 45.1140, 8.3940)
contains.

YIQ(196.6820, 45.1140, 8.3940)	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(196.6820, 45.1140,
8.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B3A1
RGB	245, 179, 161
RGB Percent	96%, 70%, 63%
CMY	0.0391, 0.2981, 0.3684
CMYK	0.00, 0.27, 0.34, 0.04
HSL	13°, 81%, 80%
HSV	13°, 34%, 96%
XYZ	60.2211, 54.2232, 41.0331
YIQ	196.6820, 45.1140, 8.3940

Conversions

Conversions Part 2

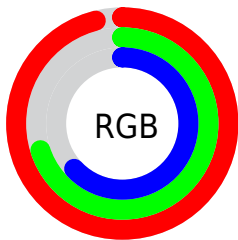
Format	Color
RYB	245, 184, 161
Decimal	16102305
CIELab	78.59, 21.72, 18.63
CIELCh	79, 28.614, 40.614
Yxy	54.2232, 0.3873, 0.3488
Android (android.graphics.Color)	4294292385 (0xFFFF5B3A1)
YUV	196.6820, -17.5912, 42.3749
Hunter-Lab	73.6364, 17.1166, 18.5067

Details

The YIQ color **196.6820, 45.1140, 8.3940** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **209.3180, -45.1140, -8.3940**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.8140, 18.0190, -1.6690**, and **142.3010, 41.8130, 7.6450** is the 20% darker color. If you saturate the color by 10%, you get **182.7930, 58.0430, 10.8670**, and if you desaturate by 10%, it is **210.6850, 31.8640, 6.2320**.

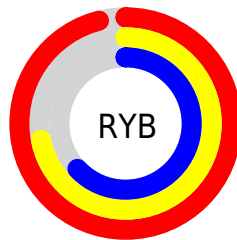
Distribution



Red (96%)

Green (70%)

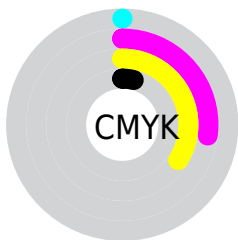
Blue (63%)



Red (96%)

Yellow (72%)

Blue (63%)

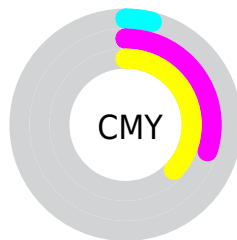


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (4%)



Cyan (4%)


Magenta (30%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 196.6820, 45.1140, 8.3940 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 196.6820, 45.1140, 8.3940 by changing the saturation by 10% instead.


 196.6820, 45.1140,
8.3940


 196.6820, 45.1140,
8.3940


255.0000, -0.0000,
-0.0000


 169.1980, 43.6010,
8.2810


 238.8140, 18.0190,
-1.6690


 142.3010, 41.8130,
7.6450

 253.7460, 3.5310,
-3.4210

 116.5180, 39.7040,
7.3200

 91.1480, 37.8700,
7.5180

 67.0660, 35.1650,
6.9810

 43.9840, 32.4600,
6.4440

 20.8420, 29.9840,

7.2640

■ 8.7850, 16.9630,
6.4590

■ 0.0000, 0.0000,
0.0000

■ 196.6820, 45.1140,
8.3940

■ 196.6820, 45.1140,
8.3940

■ 182.7930, 58.0430,
10.8670

■ 210.6850, 31.8640,
6.2320

■ 168.2030, 71.5680,
13.5520

■ 225.1610, 18.6600,
3.2360

■ 154.3140, 84.4970,
16.0250

■ 239.1640, 5.4100,
1.0740

■ 140.3110, 97.7470,
18.1870

■ 252.0100, -5.9600,
-2.1200

■ 126.4220,
110.6760, 20.6600

■ 111.8320,
124.2010, 23.3450

■ 103.7790,
131.7200, 24.7440

Harmonies

Analogous

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



198.0810, 39.9770, 18.8970



196.6820, 45.1140, 8.3940



194.7700, 38.5140, -4.1580

Triad

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



196.6820, 45.1140, 8.3940



185.2160, -27.8720, -23.5200



194.2470, -28.0160, 12.1440

Complementary

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



196.6820, 45.1140, 8.3940



209.3180, -45.1140, -8.3940

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.



187.9510, -51.0300, -0.2940



196.6820, 45.1140, 8.3940



182.5910, -50.7970, -21.0450

Square

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



196.6820, 45.1140, 8.3940



188.9280, -0.6380, -21.4860



182.4840, -60.3810, -12.5490



197.5880, -0.8750, 21.3730

Rectangle

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



196.6820, 45.1140, 8.3940



193.0520, 28.6120, -11.9320



182.4840, -60.3810, -12.5490



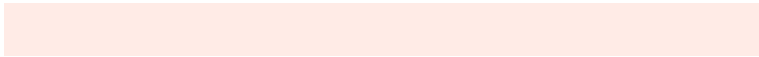
192.2350, -36.9100, 8.1300

Sweetspot

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



196.6820, 45.1140, 8.3940



240.4100, 13.5250, 2.6850



193.7540, 28.5570, 38.6450



118.5450, 8.7110, 1.8230



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.



196.6820, 45.1140, 8.3940



194.8960, 56.2550, 10.2310



220.7490, 33.8390, -13.0490



115.3490, 6.3270, 0.9750



79.0940, 99.8560, 18.5120



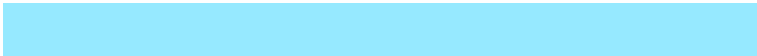
25.2720, 31.5890, 5.7090

Inverse Universe

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



209.3180, -45.1140, -8.3940



210.6910, -56.5300, -10.7540



185.2510, -33.8390, 13.0490



117.2380, -6.6020, -1.4980



106.9060, -99.8560, -18.5120



33.7280, -31.5890, -5.7090

Previews

White Background



This preview shows how the YIQ color 196.6820, 45.1140, 8.3940 looks on a white background.

Color Contrast Check

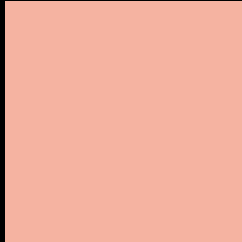
Large Text (above 18pt) WCAG AA × Fail

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 196.6820, 45.1140, 8.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

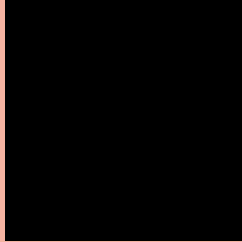
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 196.6820, 45.1140, 8.3940

Background



This preview shows how black text looks on a background with the YIQ color 196.6820, 45.1140, 8.3940.



This preview shows how white text looks on a background with the YIQ color 196.6820, 45.1140,

8.3940.

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

196.6820, 45.1140, 8.3940

Protanopia

194.1400, 13.9850, -5.6550

Deuteranopia

195.4690, 32.2320, -0.4400



Tritanopia

198.3090, 39.3350, 19.5190

Trichromacy



Original Color

196.6820, 45.1140, 8.3940

Protanomaly

195.3480, 25.2630, -0.7930

Deuteranomaly

195.9150, 36.9080, 2.9240

Tritanomaly

197.4570, 41.6740, 15.6740

Monochromacy



Original Color

196.6820, 45.1140, 8.3940

Achromatopsia

197.0000, -0.0000, -0.0000

Achromatomaly

196.4920, 16.2300, 3.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.6820, 45.1140, 8.3940 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(245, 179, 161)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 161)  
}
```

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(245, 179, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 161) }
```

Border

The CSS property to change the border of an element to YIQ 196.6820, 45.1140, 8.3940 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(245, 179, 161) }
```


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

```
.border{ border-color:rgb(245, 179, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 161);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 196.6820, 45.1140, 8.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 161) }
```

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

```
.background{ background-color: rgb(245,  
179, 161) }
```

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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