

Converting Colors

YIQ(202.7140, 15.7250, 6.8690)

Have a look what the booklet for
YIQ(202.7140, 15.7250, 6.8690)
contains.

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Color

**YIQ(202.7140, 15.7250,
6.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC2C5
RGB	222, 194, 197
RGB Percent	87%, 76%, 77%
CMY	0.1293, 0.2392, 0.2274
CMYK	0.00, 0.13, 0.11, 0.13
HSL	354°, 30%, 82%
HSV	354°, 13%, 87%
XYZ	59.4985, 58.1426, 60.9193
YIQ	202.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

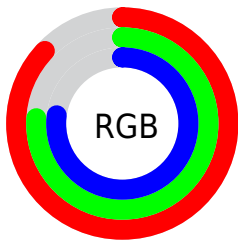
Format	Color
R _Y B	222, 194, 197
Decimal	14598853
CIE Lab	80.82, 10.40, 2.13
CIE LCh	81, 10.616, 11.553
Yxy	58.1426, 0.3332, 0.3256
Android (android.graphics.Color)	4292788933 (0xFFDEC2C5)
YUV	202.7140, -2.8170, 16.9138
Hunter-Lab	76.2513, 5.8429, 6.0075

Details

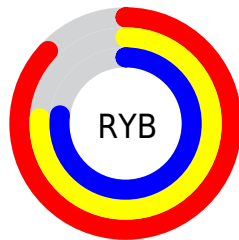
The YIQ color **202.7140, 15.7250, 6.8690** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **213.2860, -15.7250, -6.8690**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.5380, 1.4210, 1.7810**, and **148.4150, 15.1290, 6.6570** is the 20% darker color. If you saturate the color by 10%, you get **187.5200, 28.1950, 12.1550**, and if you desaturate by 10%, it is **217.9080, 3.2550, 1.5830**.

Distribution



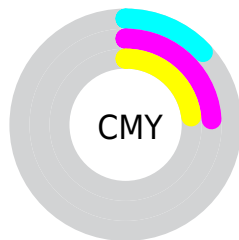
- Red (87%)
- Green (76%)
- Blue (77%)



- Red (87%)
- Yellow (76%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 202.7140, 15.7250, 6.8690 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 202.7140, 15.7250, 6.8690 by changing the saturation by 10% instead.


 202.7140, 15.7250,
6.8690


 202.7140, 15.7250,
6.8690


255.0000, -0.0000,
-0.0000


 175.4150, 15.1290,
6.6570


 252.5380, 1.4210,
1.7810

 148.4150, 15.1290,
6.6570

 122.8170, 13.9370,
6.2330

 97.5180, 13.3410,
6.0210

 74.2190, 12.7450,
5.8090

 50.9200, 12.1490,
5.5970

 30.0230, 10.3610,

4.9610

■ 7.4750, 14.9000,
5.3000

■ 0.0000, 0.0000,
0.0000

■ 202.7140, 15.7250,
6.8690

■ 202.7140, 15.7250,
6.8690

■ 187.5200, 28.1950,
12.1550

■ 217.9080, 3.2550,
1.5830

■ 172.3260, 40.6650,
17.4410

■ 233.1020, -9.2150,
-3.7030

■ 156.6590, 53.0890,
23.5610

■ 245.1330,
-19.6680, -6.9960

■ 141.4650, 65.5590,
28.8470

■ 126.2710, 78.0290,
34.1330

■ 111.0770, 90.4990,
39.4190

■ 95.8830, 102.9690,
44.7050

■ 80.2160, 115.3930,
50.8250

■ 69.1140, 124.6080,
54.5280

Harmonies

Analogous

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



202.9460, 9.2600, 8.3960



202.7140, 15.7250, 6.8690



201.9760, 17.7430, 3.3350

Triad

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



202.7140, 15.7250, 6.8690



198.6590, -0.7780, -7.9300



199.1430, -16.4600, 0.9480

Complementary

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



202.7140, 15.7250, 6.8690



213.2860, -15.7250, -6.8690

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.



198.1270, -19.5310, -3.9710



202.7140, 15.7250, 6.8690



197.7550, -9.8560, -8.6080

Square

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



202.7140, 15.7250, 6.8690



199.9160, 8.8040, -5.3720



197.6880, -16.9170, -7.2930



200.7850, -9.4000, 5.1600

Rectangle

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



202.7140, 15.7250, 6.8690



201.3840, 16.4140, -0.1140



197.6880, -16.9170, -7.2930



198.7190, -18.2020, -0.5220

Sweetspot

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



202.7140, 15.7250, 6.8690



248.1040, 5.6390, 2.4310



204.6670, 5.9120, 14.0080



123.2070, 3.8510, 1.7950



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.



202.7140, 15.7250, 6.8690



228.8180, 21.3640, 9.3000



208.8290, 13.6630, 0.1830



104.4030, 6.2350, 2.6430



54.7900, 98.7970, 43.2210



14.9220, 27.0030, 11.7310

Inverse Universe

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



202.7140, 15.7250, 6.8690



228.8180, 21.3640, 9.3000



207.1710, -13.6630, -0.1830



104.4030, 6.2350, 2.6430



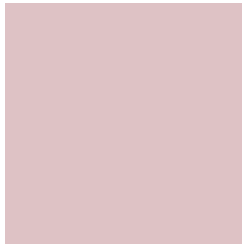
54.7900, 98.7970, 43.2210



14.9220, 27.0030, 11.7310

Previews

White Background



This preview shows how the YIQ color 202.7140, 15.7250, 6.8690 looks on a white background.

Color Contrast Check

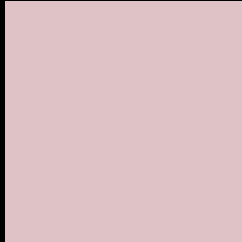
Large Text (above 18pt) WCAG AA × Fail

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 202.7140, 15.7250, 6.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

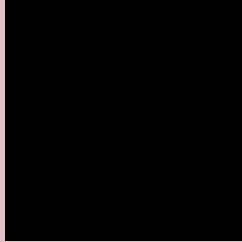
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 202.7140, 15.7250, 6.8690

Background



This preview shows how black text looks on a background with the YIQ color 202.7140, 15.7250, 6.8690.



This preview shows how white text looks on a background with the YIQ color 202.7140, 15.7250,

6.8690.

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

202.7140, 15.7250, 6.8690

Protanopia

201.1960, 2.3840, 0.8480

Deuteranopia

202.4150, 15.1290, 6.6570



Tritanopia

202.9790, 13.6610, 11.2370

Trichromacy



Original Color

202.7140, 15.7250, 6.8690

Protanomaly

202.0010, 7.4270, 3.0670

Deuteranomaly

202.4150, 15.1290, 6.6570

Tritanomaly

203.1100, 14.6700, 9.4700

Monochromacy



Original Color

202.7140, 15.7250, 6.8690

Achromatopsia

203.0000, 0.0000, -0.0000

Achromatomaly

203.1040, 5.6390, 2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.7140, 15.7250, 6.8690 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(222, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 197)  
}
```

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(222, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 197) }
```

Border

The CSS property to change the border of an element to YIQ 202.7140, 15.7250, 6.8690 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(222, 194, 197) }
```


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

```
.border{ border-color:rgb(222, 194, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 197);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 202.7140, 15.7250, 6.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 197) }
```

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

```
.background{ background-color: rgb(222,  
194, 197) }
```

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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