

Converting Colors

YIQ(207.2940, 8.1600, 6.3040)

Have a look what the booklet for
YIQ(207.2940, 8.1600, 6.3040)
contains.

YIQ(207.2940, 8.1600, 6.3040)	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(207.2940, 8.1600,
6.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC9D1
RGB	219, 201, 209
RGB Percent	86%, 79%, 82%
CMY	0.1411, 0.2118, 0.1804
CMYK	0.00, 0.08, 0.05, 0.14
HSL	333°, 20%, 82%
HSV	333°, 8%, 86%
XYZ	61.6114, 61.4355, 68.9369
YIQ	207.2940, 8.1600, 6.3040

Conversions

Conversions Part 2

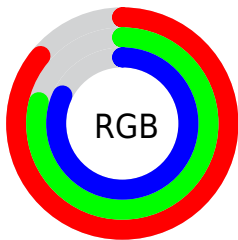
Format	Color
R _Y B	219, 201, 209
Decimal	14404049
CIE Lab	82.61, 7.67, -1.71
CIE LCh	83, 7.860, 347.401
Yxy	61.4355, 0.3209, 0.3200
Android (android.graphics.Color)	4292594129 (0xFFDBC9D1)
YUV	207.2940, 0.8411, 10.2662
Hunter-Lab	78.3808, 3.1439, 2.7203

Details

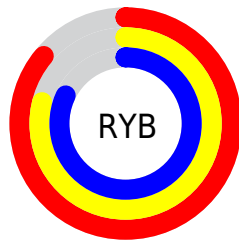
The YIQ color **207.2940, 8.1600, 6.3040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212.7060, -8.1600, -6.3040**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **152.9950, 7.5640, 6.0920** is the 20% darker color. If you saturate the color by 10%, you get **193.0120, 18.0620, 14.0780**, and if you desaturate by 10%, it is **221.5760, -1.7420, -1.4700**.

Distribution



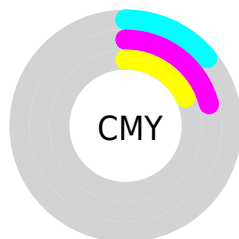
- Red (86%)
- Green (79%)
- Blue (82%)



- Red (86%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.2940, 8.1600, 6.3040 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 207.2940, 8.1600, 6.3040 by changing the saturation by 10% instead.

■ 207.2940, 8.1600,
6.3040

■ 207.2940, 8.1600,
6.3040

255.0000, -0.0000,
-0.0000

■ 179.8810, 7.8850,
5.7810

■ 152.9950, 7.5640,
6.0920

■ 126.9950, 7.5640,
6.0920

■ 101.6960, 6.9680,
5.8800

■ 78.2830, 6.6930,
5.3570

■ 54.9840, 6.0970,
5.1450

■ 33.5710, 5.8220,

4.6220

■ 10.8210, 8.1140,
7.1380

■ 0.0000, 0.0000,
0.0000

■ 207.2940, 8.1600,
6.3040

■ 207.2940, 8.1600,
6.3040

■ 193.0120, 18.0620,
14.0780

■ 221.5760, -1.7420,
-1.4700

■ 178.7300, 27.9640,
21.8520

■ 235.8580,
-11.6440, -9.2440

■ 164.4480, 37.8660,
29.6260

■ 243.0960,
-18.2460, -10.7420

■ 150.0520, 48.0890,
37.0890

■ 244.2360,
-21.4560, -7.6320

■ 135.7700, 57.9910,
44.8630

■ 122.0750, 67.6180,
52.1140

■ 107.7930, 77.5200,
59.8880

■ 93.5110, 87.4220,
67.6620

■ 79.2290, 97.3240,
75.4360

Harmonies

Analogous

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



206.5860, 1.4660, 6.4740



207.2940, 8.1600, 6.3040



207.2790, 12.5160, 4.4520

Triad

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



207.2940, 8.1600, 6.3040



204.7030, 5.0900, -4.1420



203.8180, -14.1670, -2.0630

Complementary

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



207.2940, 8.1600, 6.3040



212.7060, -8.1600, -6.3040

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.



203.4220, -13.1120, -4.6640



207.2940, 8.1600, 6.3040



204.4140, -1.4660, -6.4740

Square

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



207.2940, 8.1600, 6.3040



205.8070, 10.7290, -1.7110



203.4070, -8.7560, -6.5160



204.8940, -11.3250, 1.4990

Rectangle

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



207.2940, 8.1600, 6.3040



206.5240, 13.2040, 2.9960



203.4070, -8.7560, -6.5160



203.8780, -14.3960, -3.4200

Sweetspot

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



207.2940, 8.1600, 6.3040



251.7230, 2.3380, 1.6820



206.0420, 0.1820, 7.7180



126.0110, 1.4670, 0.9470



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.



207.2940, 8.1600, 6.3040



238.7290, 11.3690, 8.7210



206.9690, 10.4530, 3.2930



102.8590, 4.9510, 3.8870



60.5050, 78.3910, 60.6230



16.0340, 20.9960, 15.9720

Inverse Universe

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



207.2940, 8.1600, 6.3040



238.7290, 11.3690, 8.7210



213.0310, -10.4530, -3.2930



102.8590, 4.9510, 3.8870



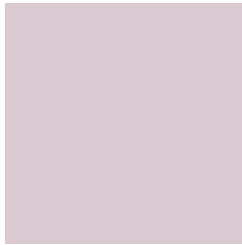
60.5050, 78.3910, 60.6230



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 207.2940, 8.1600, 6.3040 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 207.2940, 8.1600, 6.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

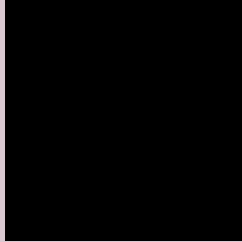
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 207.2940, 8.1600, 6.3040

Background



This preview shows how black text looks on a background with the YIQ color 207.2940, 8.1600, 6.3040.



This preview shows how white text looks on a background with the YIQ color 207.2940, 8.1600,

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

207.2940, 8.1600, 6.3040

Protanopia

206.5810, -0.1380, 2.5020

Deuteranopia

207.6150, 11.6900, 8.4100



Tritanopia

207.8040, 6.7840, 9.2160

Trichromacy



Original Color

207.2940, 8.1600, 6.3040

Protanomaly

207.0760, 2.8420, 3.5620

Deuteranomaly

207.6040, 10.2230, 7.4630

Tritanomaly

207.4620, 7.7470, 8.2830

Monochromacy



Original Color

207.2940, 8.1600, 6.3040

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

207.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.2940, 8.1600, 6.3040 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(219, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 209)  
}
```

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(219, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 209) }
```

Border

The CSS property to change the border of an element to YIQ 207.2940, 8.1600, 6.3040 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(219, 201, 209) }
```


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

```
.border{ border-color:rgb(219, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 207.2940, 8.1600, 6.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 209) }
```

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

```
.background{ background-color: rgb(219,  
201, 209) }
```

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