

Converting Colors

YIQ(205.7780, 9.6730, 6.4170)

Have a look what the booklet for
YIQ(205.7780, 9.6730, 6.4170)
contains.

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Color

**YIQ(205.7780, 9.6730,
6.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC7CE
RGB	219, 199, 206
RGB Percent	86%, 78%, 81%
CMY	0.1411, 0.2196, 0.1921
CMYK	0.00, 0.09, 0.06, 0.14
HSL	339°, 22%, 82%
HSV	339°, 9%, 86%
XYZ	60.7805, 60.3618, 66.8454
YIQ	205.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

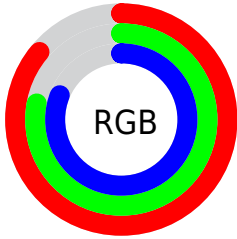
Format	Color
R _Y B	219, 199, 206
Decimal	14403534
CIE Lab	82.03, 8.21, -0.96
CIE LCh	82, 8.263, 353.355
Yxy	60.3618, 0.3233, 0.3211
Android (android.graphics.Color)	4292593614 (0xFFDBC7CE)
YUV	205.7780, 0.1094, 11.5957
Hunter-Lab	77.6928, 3.6813, 3.3730

Details

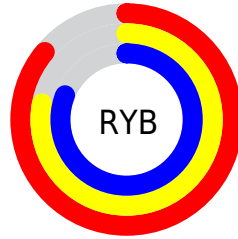
The YIQ color $205.7780, 9.6730, 6.4170$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.2220, -9.6730, -6.4170$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $151.4790, 9.0770, 6.2050$ is the 20% darker color. If you saturate the color by 10%, you get $191.2680, 20.2170, 13.5690$, and if you desaturate by 10%, it is $220.2880, -0.8710, -0.7350$.

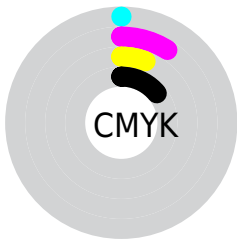
Distribution



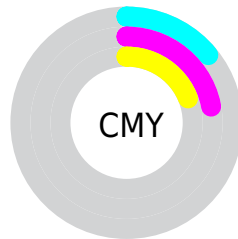
- Red (86%)
- Green (78%)
- Blue (81%)



- Red (86%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 205.7780, 9.6730, 6.4170 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 205.7780, 9.6730, 6.4170 by changing the saturation by 10% instead.

■ 205.7780, 9.6730,
6.4170

■ 205.7780, 9.6730,
6.4170

255.0000, -0.0000,
-0.0000

■ 178.4790, 9.0770,
6.2050

■ 151.4790, 9.0770,
6.2050

■ 125.4790, 9.0770,
6.2050

■ 100.7670, 8.2060,
5.4700

■ 76.7670, 8.2060,
5.4700

■ 54.0550, 7.3350,
4.7350

■ 32.7560, 6.7390,

4.5230

■ 8.6040, 10.2230,
7.4630

■ 0.0000, 0.0000,
0.0000

■ 205.7780, 9.6730,
6.4170

■ 205.7780, 9.6730,
6.4170

■ 191.2680, 20.2170,
13.5690

■ 220.2880, -0.8710,
-0.7350

■ 176.7580, 30.7610,
20.7210

■ 234.7980,
-11.4150, -7.8870

■ 162.1340, 41.6260,
27.5620

■ 243.5520,
-19.5300, -9.4980

■ 147.6240, 52.1700,
34.7140

■ 244.2360,
-21.4560, -7.6320

■ 133.1140, 62.7140,
41.8660

■ 119.1910, 72.9830,
48.4950

■ 104.5670, 83.8480,
55.3360

■ 90.0570, 94.3920,
62.4880

■ 75.5470, 104.9360,
69.6400

Harmonies

Analogous

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



205.3690, 3.5750, 6.7990



205.7780, 9.6730, 6.4170



205.4640, 13.4330, 4.3530

Triad

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



205.7780, 9.6730, 6.4170



202.9910, 4.2190, -4.8770



202.0460, -14.8090, -1.4410

Complementary

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



205.7780, 9.6730, 6.4170



212.2220, -9.6730, -6.4170

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.



201.9380, -14.6250, -4.7770



205.7780, 9.6730, 6.4170



202.0440, -3.3000, -6.2760

Square

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



205.7780, 9.6730, 6.4170



204.0950, 9.8580, -2.4460



201.9230, -10.2690, -6.6290



203.3070, -11.0500, 2.0220

Rectangle

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



205.7780, 9.6730, 6.4170



205.2960, 13.8460, 2.3740



201.9230, -10.2690, -6.6290



202.1060, -15.0380, -2.7980

Sweetspot

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



205.7780, 9.6730, 6.4170



249.7340, 3.8050, 2.6290



205.1670, 1.3280, 8.9760



124.0220, 2.9340, 1.8940



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.



205.7780, 9.6730, 6.4170



236.5120, 13.4780, 9.0460



206.7410, 11.0950, 2.6710



102.7450, 5.2720, 3.5760



58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Inverse Universe

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



205.7780, 9.6730, 6.4170



236.5120, 13.4780, 9.0460



211.2590, -11.0950, -2.6710



102.7450, 5.2720, 3.5760



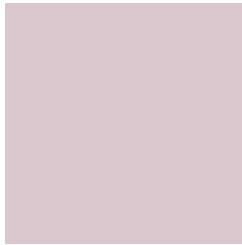
58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 205.7780, 9.6730, 6.4170 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 205.7780, 9.6730, 6.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

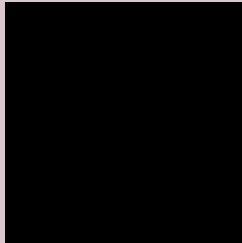
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.7780, 9.6730, 6.4170

Background



This preview shows how black text looks on a background with the YIQ color 205.7780, 9.6730, 6.4170.



This preview shows how white text looks on a background with the YIQ color 205.7780, 9.6730,

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

205.7780, 9.6730, 6.4170

Protanopia

204.4670, 0.1830, 2.1910

Deuteranopia

206.3870, 12.3320, 7.7880



Tritanopia

206.2880, 8.2970, 9.3290

Trichromacy



Original Color

205.7780, 9.6730, 6.4170

Protanomaly

205.2610, 3.7590, 3.4630

Deuteranomaly

206.0880, 11.7360, 7.5760

Tritanomaly

205.9460, 9.2600, 8.3960

Monochromacy



Original Color

205.7780, 9.6730, 6.4170

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.7780, 9.6730, 6.4170 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, 199, 206)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 206)  
}
```

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, 199, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 206) }
```

Border

The CSS property to change the border of an element to YIQ 205.7780, 9.6730, 6.4170 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, 199, 206) }
```


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

```
.border{ border-color:rgb(219, 199, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 206);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 205.7780, 9.6730, 6.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 206) }
```

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

```
.background{ background-color: rgb(219,  
199, 206) }
```

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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