

Converting Colors

YIQ(195.6600, -1.3780, 13.9660)

Have a look what the booklet for
YIQ(195.6600, -1.3780, 13.9660)
contains.

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Color

**YIQ(195.6600, -1.3780,
13.9660)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBBDD
RGB	203, 187, 221
RGB Percent	80%, 73%, 87%
CMY	0.2039, 0.2667, 0.1334
CMYK	0.08, 0.15, 0.00, 0.13
HSL	268°, 33%, 80%
HSV	268°, 15%, 87%
XYZ	55.4517, 53.4565, 75.7965
YIQ	195.6600, -1.3780, 13.9660

Conversions

Conversions Part 2

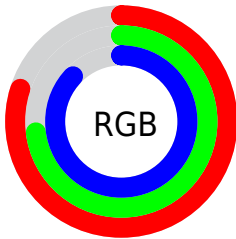
Format	Color
R_{YB}	203, 187, 221
Decimal	13351901
CIE _{Lab}	78.14, 12.00, -14.94
CIE _{LCh}	78, 19.161, 308.784
Yxy	53.4565, 0.3002, 0.2894
Android (android.graphics.Color)	4291541981 (0xFFCBBBDD)
YUV	195.6600, 12.4926, 6.4372
Hunter-Lab	73.1139, 7.4301, -10.2856

Details

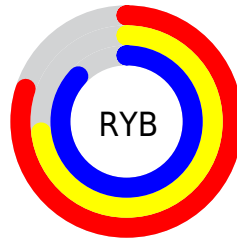
The YIQ color $195.6600, -1.3780, 13.9660$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $212.3400, 1.3780, -13.9660$, and the grayscale version is $196.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $247.9560, 3.3000, 6.2760$, and $142.1330, -1.3320, 13.1320$ is the 20% darker color. If you saturate the color by 10%, you get $179.1580, -2.4800, 22.9280$, and if you desaturate by 10%, it is $212.1620, -0.2760, 5.0040$.

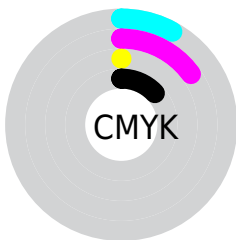
Distribution



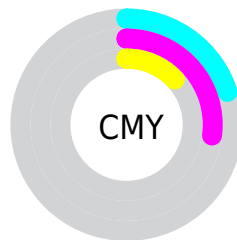
- Red (80%)
- Green (73%)
- Blue (87%)



- Red (80%)
- Yellow (73%)
- Blue (87%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6600, -1.3780, 13.9660 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 195.6600, -1.3780, 13.9660 by changing the saturation by 10% instead.

■ 195.6600, -1.3780,
13.9660

■ 195.6600, -1.3780,
13.9660

255.0000, -0.0000,
-0.0000

■ 168.5460, -1.0570,
13.6550

■ 247.9560, 3.3000,
6.2760

■ 142.1330, -1.3320,
13.1320

■ 116.7200, -1.6070,
12.6090

■ 91.6060, -1.2860,
12.2980

■ 68.0790, -1.2400,
11.4640

■ 45.6660, -1.5150,
10.9410

■ 24.8400, -2.0650,

9.8950

■ 2.6220, -7.3830,
7.1530

■ 0.0000, 0.0000,
0.0000

■ 195.6600, -1.3780,
13.9660

■ 195.6600, -1.3780,
13.9660

■ 179.1580, -2.4800,
22.9280

■ 212.1620, -0.2760,
5.0040

■ 162.9550, -2.9860,
32.1020

■ 228.3650, 0.2300,
-4.1700

■ 146.4530, -4.0880,
41.0640

■ 244.8670, 1.3320,
-13.1320

■ 129.9510, -5.1900,
50.0260

■ 249.6290, 7.9340,
-11.6340

■ 113.7480, -5.6960,
59.2000

■ 251.1240, 10.9140,
-10.5740

■ 96.6590, -6.5230,
68.6850

■ 80.1570, -7.6250,
77.6470

■ 63.9540, -8.1310,
86.8210

■ 56.2900, -8.9570,
90.7790

Harmonies

Analogous

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



193.1030, -18.9830, 8.1290



195.6600, -1.3780, 13.9660



196.5110, 15.2190, 16.0430

Triad

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



195.6600, -1.3780, 13.9660



194.1910, 27.1430, -1.8250



186.8710, -30.8540, -13.5260

Complementary

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



195.6600, -1.3780, 13.9660



212.3400, 1.3780, -13.9660

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.



187.5320, -16.7780, -15.3220



195.6600, -1.3780, 13.9660



192.2880, 16.3240, -9.5000

Square

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



195.6600, -1.3780, 13.9660



195.5000, 30.9470, 6.3310



190.0410, 0.7820, -14.1780



187.0370, -36.9530, -7.6170

Rectangle

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



195.6600, -1.3780, 13.9660



196.6490, 23.5180, 14.3180



190.0410, 0.7820, -14.1780



187.0840, -27.1400, -14.7560

Sweetspot

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



195.6600, -1.3780, 13.9660



245.2760, -0.5970, 5.3150



201.4420, -15.8640, 1.1600



121.8090, -0.7800, 3.1240



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.



195.6600, -1.3780, 13.9660



220.8220, -1.6540, 18.9700



200.7430, 8.7540, 17.5700



101.7490, -0.5510, 4.4810



44.2400, -6.6610, 71.1870



11.8220, -1.6540, 18.9700

Inverse Universe

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



199.2180, 14.4860, 12.8060



225.4900, 19.7120, 17.2160



207.2570, -8.7540, -17.5700



102.8590, 4.9510, 3.8870



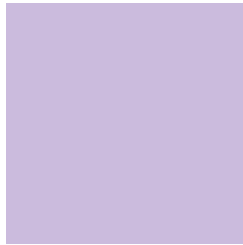
62.2150, 73.5760, 65.2880



16.4900, 19.7120, 17.2160

Previews

White Background



This preview shows how the YIQ color 195.6600, -1.3780, 13.9660 looks on a white background.

Color Contrast Check

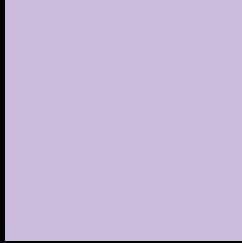
Large Text (above 18pt) WCAG AA × Fail

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 195.6600, -1.3780, 13.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

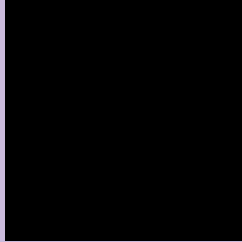
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6600, -1.3780, 13.9660

Background



This preview shows how black text looks on a background with the YIQ color 195.6600, -1.3780, 13.9660.



This preview shows how white text looks on a background with the YIQ color 195.6600, -1.3780,

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

195.6600, -1.3780, 13.9660

Protanopia

194.1530, -13.2520, 8.8920

Deuteranopia

195.0510, -4.0370, 12.5950



Tritanopia

194.7000, 1.1450, 6.7850

Trichromacy



Original Color

195.6600, -1.3780, 13.9660

Protanomaly

194.6590, -8.8050, 10.8990

Deuteranomaly

195.3500, -3.4410, 12.8070

Tritanomaly

195.0960, 0.0900, 9.3860

Monochromacy



Original Color

195.6600, -1.3780, 13.9660

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1620, -0.2760, 5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6600, -1.3780, 13.9660 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(203, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 187, 221)  
}
```

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(203, 187, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 187, 221) }
```

Border

The CSS property to change the border of an element to YIQ 195.6600, -1.3780, 13.9660 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(203, 187, 221) }
```


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

```
.border{ border-color:rgb(203, 187, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 187, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 187,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6600, -1.3780, 13.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 187, 221) }
```

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

```
.background{ background-color: rgb(203,  
187, 221) }
```

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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