

Converting Colors

YIQ(195.6120, 14.6310,
-28.3850)

Have a look what the booklet for
YIQ(195.6120, 14.6310, -28.3850)
contains.

YIQ(195.6120, 14.6310, -28.3850)	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(195.6120, 14.6310,
-28.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D283
RGB	192, 210, 131
RGB Percent	75%, 82%, 51%
CMY	0.2472, 0.1764, 0.4861
CMYK	0.09, 0.00, 0.38, 0.18
HSL	74°, 47%, 67%
HSV	74°, 38%, 82%
XYZ	48.8795, 58.9397, 30.2838
YIQ	195.6120, 14.6310, -28.3850

Conversions

Conversions Part 2

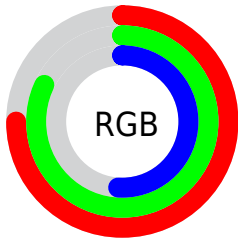
Format	Color
RYB	131, 210, 149
Decimal	12636803
CIELab	81.26, -18.63, 37.14
CIElCh	81, 41.546, 116.639
Yxy	58.9397, 0.3539, 0.4268
Android (android.graphics.Color)	4290826883 (0xFFC0D283)
YUV	195.6120, -31.8537, -3.1677
Hunter-Lab	76.7722, -20.7037, 30.3528

Details

The YIQ color **195.6120, 14.6310, -28.3850** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **145.3880, -14.6310, 28.3850**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.2260, 18.8940, -23.0420**, and **141.6550, 13.0720, -27.6640** is the 20% darker color. If you saturate the color by 10%, you get **191.7230, 18.3920, -35.9760**, and if you desaturate by 10%, it is **199.5010, 10.8700, -20.7940**.

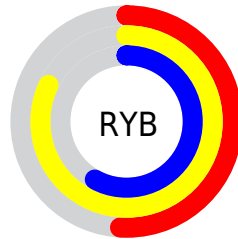
Distribution



Red (75%)

Green (82%)

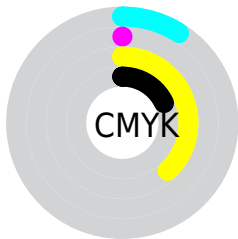
Blue (51%)



Red (51%)

Yellow (82%)

Blue (58%)

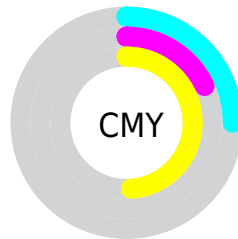


Cyan (9%)

Magenta (0%)

Yellow (38%)

Black (18%)



Cyan (25%)

Magenta (18%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.6120, 14.6310, -28.3850 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 195.6120, 14.6310, -28.3850 by changing the saturation by 10% instead.

■ 195.6120, 14.6310,
-28.3850

■ 195.6120, 14.6310,
-28.3850

■ 255.0000, -0.0000,
-0.0000

■ 167.8400, 13.9890,
-27.7630

■ 245.2260, 18.8940,
-23.0420

■ 141.6550, 13.0720,
-27.6640

■ 250.2120, 13.4820,
-13.0620

■ 115.2960, 12.7050,
-26.5190

■ 253.5180, 4.1730,
-4.0430

■ 90.4100, 12.3840,
-26.2080

■ 65.7690, 12.7510,
-27.3530

■ 44.8210, 6.9730,
-21.7550

■ 24.7200, -2.7480,

-16.2840

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 195.6120, 14.6310,
-28.3850

■ 195.6120, 14.6310,
-28.3850

■ 191.7230, 18.3920,
-35.9760

■ 199.5010, 10.8700,
-20.7940

■ 187.8340, 22.1530,
-43.5670

■ 203.3900, 7.1090,
-13.2030

■ 184.2440, 26.5100,
-50.9460

■ 206.9800, 2.7520,
-5.8240

■ 180.3550, 30.2710,
-58.5370

■ 210.8690, -1.0090,
1.7670

■ 176.4660, 34.0320,
-66.1280

■ 214.7580, -4.7700,
9.3580

■ 172.5770, 37.7930,
-73.7190

■ 218.4190, -7.8890,
16.3270

■ 171.7080, 38.8020,
-75.4860

■ 219.9140, -4.9090,
17.3870

■ 221.1100, -2.5250,
18.2350

■ 222.6050, 0.4550,
19.2950

Harmonies

Analogous

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



199.7300, 44.0180, -15.8060



195.6120, 14.6310, -28.3850



189.6320, -23.6520, -33.9240

Triad

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



195.6120, 14.6310, -28.3850



178.2760, -98.0220, -18.7100



200.9210, 37.9120, 28.7920

Complementary

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



195.6120, 14.6310, -28.3850



145.3880, -14.6310, 28.3850

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.



207.4430, 19.0670, 34.4190



195.6120, 14.6310, -28.3850



192.1400, -55.9360, 0.5120

Square

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



195.6120, 14.6310, -28.3850



171.4560, -107.8770, -32.8450



202.1610, -15.7300, 20.7660



197.6490, 49.8810, 15.6170

Rectangle

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



195.6120, 14.6310, -28.3850



184.9630, -52.4450, -35.2370



202.1610, -15.7300, 20.7660



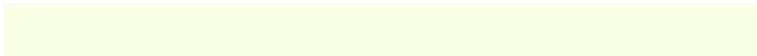
203.5770, 33.1890, 31.7890

Sweetspot

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



195.6120, 14.6310, -28.3850



250.0140, 5.4120, -9.9800



164.6000, 42.4090, 7.8570



124.8660, 3.0730, -6.1350



0.0000, 0.0000, 0.0000



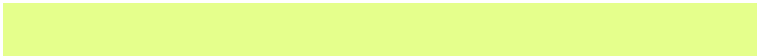
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



195.6120, 14.6310, -28.3850



234.1160, 21.4190, -41.2770



183.9510, -8.6130, -36.6530



102.8490, 1.7430, -4.0570



137.4860, 31.2800, -60.3040



33.3360, 7.2010, -14.8710

Inverse Universe

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



145.3880, -14.6310, 28.3850



160.8840, -21.4190, 41.2770



157.0490, 8.6130, 36.6530



95.8520, -2.3390, 3.8450



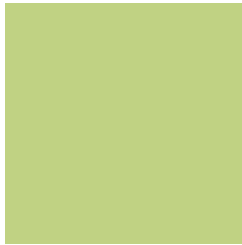
30.5140, -31.2800, 60.3040



7.3650, -7.7970, 14.6590

Previews

White Background



This preview shows how the YIQ color 195.6120, 14.6310, -28.3850 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 195.6120, 14.6310, -28.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

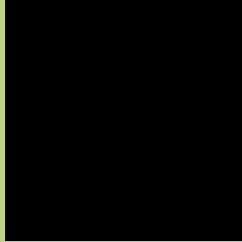
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.6120, 14.6310, -28.3850

Background



This preview shows how black text looks on a background with the YIQ color 195.6120, 14.6310, -28.3850.



This preview shows how white text looks on a background with the YIQ color 195.6120, 14.6310,

-28.3850.

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

195.6120, 14.6310, -28.3850

Protanopia

198.9460, 34.4820, -19.1980

Deuteranopia

201.0390, 47.8220, -7.6500



Tritanopia

202.7210, -3.3480, 5.6120

Trichromacy



Original Color

195.6120, 14.6310, -28.3850

Protanomaly

197.8310, 27.3760, -22.5760

Deuteranomaly

199.0650, 35.7650, -14.9150

Tritanomaly

200.3390, 3.1190, -6.9690

Monochromacy



Original Color

195.6120, 14.6310, -28.3850

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9000, 5.7330, -10.2910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.6120, 14.6310, -28.3850 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(192, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(192, 210, 131)  
}
```

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(192, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 210, 131) }
```

Border

The CSS property to change the border of an element to YIQ 195.6120, 14.6310, -28.3850 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(192, 210, 131) }
```


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

```
.border{ border-color:rgb(192, 210, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 210, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 210, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 210, 131);  
box-shadow:4px 4px 4px 4px rgb(192, 210,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 195.6120, 14.6310, -28.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 210, 131) }
```

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

```
.background{ background-color: rgb(192,  
210, 131) }
```

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