

Converting Colors

YIQ(200.8110, 55.3500,
-55.9940)

Have a look what the booklet for
YIQ(200.8110, 55.3500, -55.9940)
contains.

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Color

**YIQ(200.8110, 55.3500,
-55.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDE2C
RGB	219, 222, 44
RGB Percent	86%, 87%, 17%
CMY	0.1413, 0.1294, 0.8271
CMYK	0.01, 0.00, 0.80, 0.13
HSL	61°, 73%, 52%
HSV	61°, 80%, 87%
XYZ	55.7822, 67.4809, 12.4770
YIQ	200.8110, 55.3500, -55.9940

Conversions

Conversions Part 2

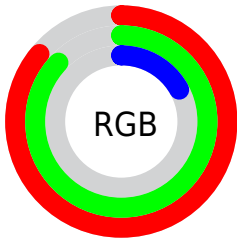
Format	Color
R_{YB}	44, 222, 47
Decimal	14409260
CIE _{Lab}	85.75, -19.94, 78.28
CIE _{LCh}	86, 80.781, 104.290
Yxy	67.4809, 0.4109, 0.4971
Android (android.graphics.Color)	4292599340 (0xFFDBDE2C)
YUV	200.8110, -77.3078, 15.9518
Hunter-Lab	82.1468, -22.5455, 48.4974

Details

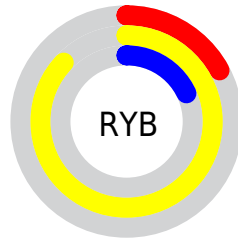
The YIQ color **200.8110, 55.3500, -55.9940** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **65.1890, -55.3500, 55.9940**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.1280, 47.5080, -46.0280**, and **145.8690, 49.4350, -53.4210** is the 20% darker color. If you saturate the color by 10%, you get **198.3030, 62.4120, -62.8360**, and if you desaturate by 10%, it is **203.3190, 48.2880, -49.1520**.

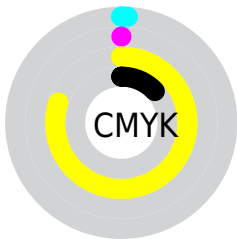
Distribution



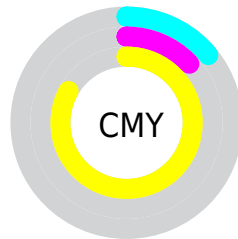
- Red (86%)
- Green (87%)
- Blue (17%)



- Red (17%)
- Yellow (87%)
- Blue (18%)



- Cyan (1%)
- Magenta (0%)
- Yellow (80%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.8110, 55.3500, -55.9940 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 200.8110, 55.3500, -55.9940 by changing the saturation by 10% instead.

■ 200.8110, 55.3500,
-55.9940

■ 200.8110, 55.3500,
-55.9940

■ 255.0000, -0.0000,
-0.0000

■ 170.3890, 59.2940,
-61.3940

■ 238.1280, 47.5080,
-46.0280

■ 145.8690, 49.4350,
-53.4210

■ 241.4340, 38.1990,
-37.0090

■ 121.9360, 39.3010,
-45.9710

■ 244.7400, 28.8900,
-27.9900

■ 98.3020, 29.7630,
-38.3090

■ 248.0460, 19.5810,
-18.9710

■ 75.8420, 19.6750,
-31.6930

■ 251.3520, 10.2720,
-9.9520

■ 54.2680, 9.9080,
-25.3880

254.7720, 0.6420,

■ 32.9930, 0.7370,

-0.6220

-18.8710

■ 15.8490, -7.4250,
-14.1210

■ 0.0000, 0.0000,
0.0000

■ 200.8110, 55.3500,
-55.9940

■ 200.8110, 55.3500,
-55.9940

■ 198.3030, 62.4120,
-62.8360

■ 203.3190, 48.2880,
-49.1520

■ 195.4960, 68.8780,
-69.8900

■ 206.2400, 41.5010,
-41.7870

■ 208.7480, 34.4390,
-34.9450

■ 211.2560, 27.3770,
-28.1030

■ 214.0630, 20.9110,
-21.0490

■ 216.5710, 13.8490,
-14.2070

■ 219.4920, 7.0620,
-6.8420

■ 222.0000, -0.0000,
0.0000

■ 224.5080, -7.0620,
6.8420

Harmonies

Analogous

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



197.5670, 80.4250, -31.3430



200.8110, 55.3500, -55.9940



190.5200, -18.7860, -67.0580

Triad

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



200.8110, 55.3500, -55.9940



174.0590, -149.7800, -49.8760



192.1910, 29.4250, 55.9610

Complementary

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



200.8110, 55.3500, -55.9940



65.1890, -55.3500, 55.9940

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.



209.8010, 21.1750, 40.2710



200.8110, 55.3500, -55.9940



166.4280, -146.2050, -43.0770

Square

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



200.8110, 55.3500, -55.9940



175.8370, -149.2750, -53.5230



191.8080, -60.9330, -2.5410



180.2330, 54.8290, 36.0850

Rectangle

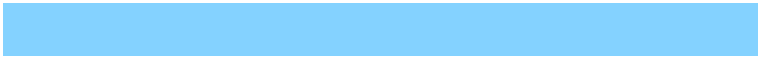
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



200.8110, 55.3500, -55.9940



160.9320, -114.1950, -83.5630



191.8080, -60.9330, -2.5410



196.8870, 27.2250, 51.7770

Sweetspot

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



200.8110, 55.3500, -55.9940



247.7470, 18.9850, -19.1830



98.9830, 105.2630, 36.1670



123.4830, 11.2810, -11.7190



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.



200.8110, 55.3500, -55.9940



225.8740, 76.2610, -77.0430



174.2000, 2.3060, -74.8620



110.7460, 3.5310, -3.4210



155.0390, 54.7080, -55.3720



42.5280, 15.4080, -14.9280

Inverse Universe

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



65.1890, -55.3500, 55.9940



39.1260, -76.2610, 77.0430



91.8000, -2.3060, 74.8620



102.2540, -3.5310, 3.4210



20.9610, -54.7080, 55.3720



5.7710, -14.8120, 15.1400

Previews

White Background



This preview shows how the YIQ color 200.8110, 55.3500, -55.9940 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 200.8110, 55.3500, -55.9940 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 200.8110, 55.3500, -55.9940

Background



This preview shows how black text looks on a background with the YIQ color 200.8110, 55.3500, -55.9940.



This preview shows how white text looks on a background with the YIQ color 200.8110, 55.3500, -55.9940.

-55.9940.

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

200.8110, 55.3500, -55.9940

Protanopia

203.0520, 71.0290, -48.2910

Deuteranopia

211.6450, 54.5630, -14.1810



Tritanopia

216.5980, 10.3600, 10.4880

Trichromacy



Original Color

200.8110, 55.3500, -55.9940

Protanomaly

202.5350, 65.1150, -51.2450

Deuteranomaly

207.8600, 54.7950, -29.4050

Tritanomaly

210.6280, 26.8700, -13.4020

Monochromacy



Original Color

200.8110, 55.3500, -55.9940

Achromatopsia

201.0000, -0.0000, 0.0000

Achromatomaly

201.2910, 20.2690, -20.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.8110, 55.3500, -55.9940 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, 222, 44)` looks like.

```
.text, #text, p{  
    color:rgb(219, 222, 44)  
}
```

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, 222, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 222, 44) }
```

Border

The CSS property to change the border of an element to YIQ 200.8110, 55.3500, -55.9940 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, 222, 44) }
```


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

```
.border{ border-color:rgb(219, 222, 44) }
```

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

Here you see how a box with a 4 pixel rgb(219, 222, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 222, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 222, 44);  
box-shadow:4px 4px 4px 4px rgb(219, 222,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 200.8110, 55.3500, -55.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 222, 44) }
```

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

```
.background{ background-color: rgb(219,  
222, 44) }
```

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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