

Converting Colors

YIQ(128.1900, 56.3880, 35.3640)

Have a look what the booklet for
YIQ(128.1900, 56.3880, 35.3640)
contains.

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Color

**YIQ(128.1900, 56.3880,
35.3640)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5A7E
RGB	204, 90, 126
RGB Percent	80%, 35%, 49%
CMY	0.1997, 0.6472, 0.5057
CMYK	0.00, 0.56, 0.38, 0.20
HSL	341°, 53%, 58%
HSV	341°, 56%, 80%
XYZ	32.3436, 21.6599, 22.2316
YIQ	128.1900, 56.3880, 35.3640

Conversions

Conversions Part 2

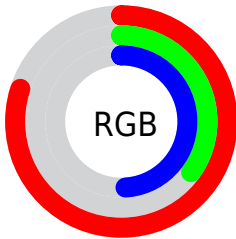
Format	Color
R_{YB}	204, 90, 126
Decimal	13392510
CIE _{Lab}	53.66, 48.80, 2.34
CIE _{LCh}	54, 48.855, 2.746
Yxy	21.6599, 0.4243, 0.2841
Android (android.graphics.Color)	4291582590 (0xFFCC5A7E)
YUV	128.1900, -1.0797, 66.4854
Hunter-Lab	46.5402, 42.6054, 4.2560

Details

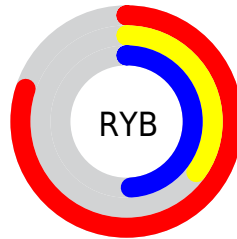
The YIQ color **128.1900, 56.3880, 35.3640** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **165.8100, -56.3880, -35.3640**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.1790, 54.9210, 34.4170**, and **72.9770, 52.6740, 36.5940** is the 20% darker color. If you saturate the color by 10%, you get **114.8540, 66.3820, 41.4700**, and if you desaturate by 10%, it is **141.5260, 46.3940, 29.2580**.

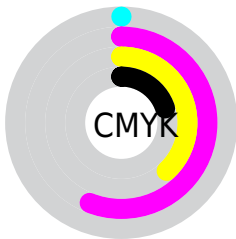
Distribution



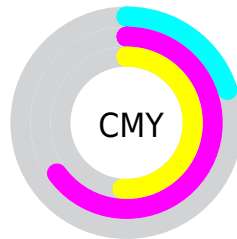
- Red (80%)
- Green (35%)
- Blue (49%)



- Red (80%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (56%)
- Yellow (38%)
- Black (20%)





- Cyan (20%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.1900, 56.3880, 35.3640 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 128.1900, 56.3880, 35.3640 by changing the saturation by 10% instead.


 128.1900, 56.3880,
35.3640


 128.1900, 56.3880,
35.3640


255.0000, -0.0000,
-0.0000


 100.8200, 54.5540,
35.5620


 181.1790, 54.9210,
34.4170

 72.9770, 52.6740,
36.5940


 200.6930, 38.5540,
28.1700


 41.5520, 52.6730,
42.1210

 220.3210, 21.8660,
22.2340

 30.7860, 42.7260,
29.6540

 239.7380, 7.1500,
13.5980

 20.2760, 34.9340,
16.6780

 10.5790, 20.5390,
7.7310

 0.0000, 0.0000,

0.0000

■ 128.1900, 56.3880,
35.3640

■ 128.1900, 56.3880,
35.3640

■ 114.8540, 66.3820,
41.4700

■ 141.5260, 46.3940,
29.2580

■ 100.9310, 76.6510,
48.0990

■ 155.4490, 36.1250,
22.6290

■ 87.5950, 86.6450,
54.2050

■ 168.7850, 26.1310,
16.5230

■ 73.6720, 96.9140,
60.8340

■ 182.7080, 15.8620,
9.8940

■ 68.4060, 100.7190,
63.4630

■ 196.0440, 5.8680,
3.7880

■ 209.3800, -4.1260,
-2.3180

■ 223.3030,
-14.3950, -8.9470

■ 236.6390,
-24.3890, -15.0530

■ 239.4090,
-29.4330, -11.7450

Harmonies

Analogous

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



131.9820, 27.9150, 39.2670



128.1900, 56.3880, 35.3640



126.4400, 66.7070, 19.0510

Triad

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



128.1900, 56.3880, 35.3640



118.7310, 6.7460, -34.1660



107.0830, -104.4880, -11.6560

Complementary

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



128.1900, 56.3880, 35.3640



165.8100, -56.3880, -35.3640

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.



106.5980, -96.2330, -23.6010



128.1900, 56.3880, 35.3640



107.6940, -44.5580, -40.5100

Square

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



128.1900, 56.3880, 35.3640



123.1330, 41.0850, -23.2270



102.3970, -83.0260, -37.1860



114.2100, -79.3200, 5.8000

Rectangle

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



128.1900, 56.3880, 35.3640



126.1000, 64.1880, 4.1240



102.3970, -83.0260, -37.1860



107.2310, -102.1490, -15.5010

Sweetspot

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



128.1900, 56.3880, 35.3640



226.3390, 21.4550, 13.1590



126.3180, 9.8940, 51.9900



110.6860, 12.9280, 8.0000



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.



128.1900, 56.3880, 35.3640



141.2850, 84.5820, 53.0460



136.4130, 62.1690, 13.1850



95.3320, 4.9970, 3.0530



55.5620, 82.2440, 51.3640



12.7300, 18.7960, 11.7880

Inverse Universe

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



128.1900, 56.3880, 35.3640



141.2850, 84.5820, 53.0460



157.5870, -62.1690, -13.1850



95.3320, 4.9970, 3.0530



55.5620, 82.2440, 51.3640



12.7300, 18.7960, 11.7880

Previews

White Background



This preview shows how the YIQ color 128.1900, 56.3880, 35.3640 looks on a white background.

Color Contrast Check

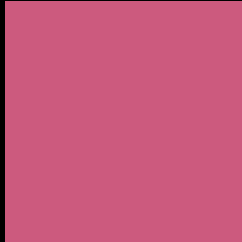
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1900, 56.3880, 35.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

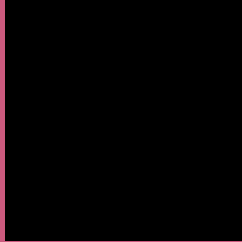
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.1900, 56.3880, 35.3640

Background



This preview shows how black text looks on a background with the YIQ color 128.1900, 56.3880, 35.3640.



This preview shows how white text looks on a background with the YIQ color 128.1900, 56.3880,

35.3640.

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

128.1900, 56.3880, 35.3640

Protanopia

129.4970, -8.5290, 5.8950

Deuteranopia

129.6380, 12.8830, 3.3070



Tritanopia

127.6770, 61.8460, 24.5500

Trichromacy



Original Color

128.1900, 56.3880, 35.3640

Protanomaly

129.0380, 15.1730, 16.8770

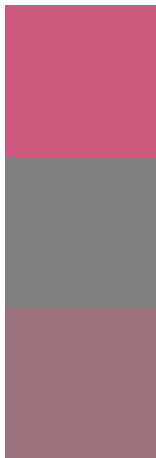
Deuteranomaly

129.4000, 28.6530, 14.8690

Tritanomaly

127.8280, 60.1030, 28.6070

Monochromacy



Original Color

128.1900, 56.3880, 35.3640

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0400, 20.8590, 12.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.1900, 56.3880, 35.3640 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(204, 90, 126)` looks like.

```
.text, #text, p{  
    color:rgb(204, 90, 126)  
}
```

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(204, 90, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 90, 126) }
```

Border

The CSS property to change the border of an element to YIQ 128.1900, 56.3880, 35.3640 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(204, 90, 126) }
```


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

```
.border{ border-color:rgb(204, 90, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 90, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 90, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 90, 126);  
box-shadow:4px 4px 4px 4px rgb(204, 90,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 128.1900, 56.3880, 35.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 90, 126) }
```

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

```
.background{ background-color: rgb(204, 90,  
126) }
```

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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