

Converting Colors

YIQ(143.4190, 28.7830, 56.5830)

Have a look what the booklet for
YIQ(143.4190, 28.7830, 56.5830)
contains.

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Color

**YIQ(143.4190, 28.7830,
56.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	CE63D0
RGB	206, 99, 208
RGB Percent	81%, 39%, 82%
CMY	0.1918, 0.6119, 0.1843
CMYK	0.01, 0.52, 0.00, 0.18
HSL	299°, 54%, 60%
HSV	299°, 52%, 82%
XYZ	41.3201, 26.6032, 62.6365
YIQ	143.4190, 28.7830, 56.5830

Conversions

Conversions Part 2

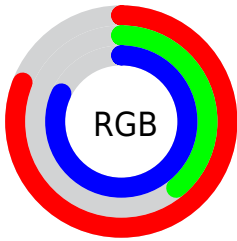
Format	Color
R _{YB}	206, 99, 208
Decimal	13525968
CIE _{Lab}	58.61, 57.20, -37.71
CIE _{LCh}	59, 68.508, 326.606
Yxy	26.6032, 0.3165, 0.2038
Android (android.graphics.Color)	4291716048 (0xFFCE63D0)
YUV	143.4190, 31.8384, 54.8835
Hunter-Lab	51.5783, 52.7369, -35.8967

Details

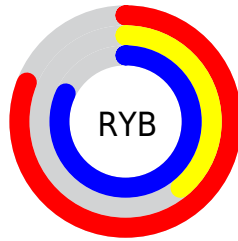
The YIQ color **143.4190, 28.7830, 56.5830** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **163.5810, -28.7830, -56.5830**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.7130, 27.7750, 52.8230**, and **87.2340, 27.8660, 56.6820** is the 20% darker color. If you saturate the color by 10%, you get **131.0920, 34.5580, 67.5660**, and if you desaturate by 10%, it is **155.7460, 23.0080, 45.6000**.

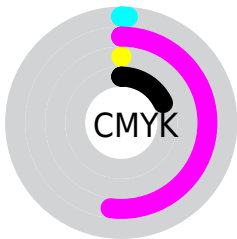
Distribution



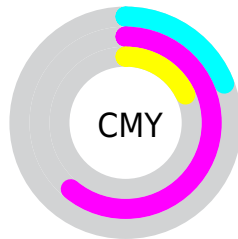
- Red (81%)
- Green (39%)
- Blue (82%)



- Red (81%)
- Yellow (39%)
- Blue (82%)



- Cyan (1%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 143.4190, 28.7830, 56.5830 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 143.4190, 28.7830, 56.5830 by changing the saturation by 10% instead.


 143.4190, 28.7830,
56.5830


 143.4190, 28.7830,
56.5830


255.0000, -0.0000,
-0.0000


 115.7070, 27.9120,
55.8480


 195.7130, 27.7750,
52.8230


 87.2340, 27.8660,
56.6820


 212.1490, 20.0750,
38.1790


 52.7170, 31.1200,
63.7920

 229.1720, 12.1000,
23.0120

 39.6200, 23.6030,
51.3390

 246.1950, 4.1250,
7.8450

 29.1100, 15.8110,
38.3630

 19.6110, 9.4860,
26.3340

 3.5340, -9.9510,

9.6410

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 143.4190, 28.7830,
56.5830

■ 143.4190, 28.7830,
56.5830

■ 131.0920, 34.5580,
67.5660

■ 155.7460, 23.0080,
45.6000

■ 118.4660, 39.7370,
78.3370

■ 168.3720, 17.8290,
34.8290

■ 106.7260, 45.2370,
88.7970

■ 180.1120, 12.3290,
24.3690

■ 94.3990, 51.0120,
99.7800

■ 192.7380, 7.1500,
13.5980

84.7080, 54.8160,
107.9360

205.0650, 1.3750,
2.6150

217.3920, -4.4000,
-8.3680

230.0180, -9.5790,
-19.1390

235.8880,
-12.3290, -24.3690

Harmonies

Analogous

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



140.8970, -40.6290, 36.9950



143.4190, 28.7830, 56.5830



135.5430, 75.2280, 57.3720

Triad

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



143.4190, 28.7830, 56.5830



132.1570, 66.9000, -34.0280



120.6180, -108.1530, -27.8410

Complementary

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



143.4190, 28.7830, 56.5830



163.5810, -28.7830, -56.5830

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.



113.6640, -88.5720, -46.8120



143.4190, 28.7830, 56.5830



124.9080, 27.3360, -54.9040

Square

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



143.4190, 28.7830, 56.5830



134.7420, 88.4430, -0.4290



103.6610, -67.2950, -63.4790



123.1550, -122.1860, -10.2980

Rectangle

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



143.4190, 28.7830, 56.5830



132.7660, 90.1770, 45.2570



103.6610, -67.2950, -63.4790



118.4520, -102.0540, -33.7500

Sweetspot

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



143.4190, 28.7830, 56.5830



230.6340, 10.6790, 21.2310



113.7740, -36.0890, 31.8070



113.0260, 6.2790, 12.8630



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.



143.4190, 28.7830, 56.5830



159.5960, 42.4870, 83.5670



138.2030, 46.3460, 41.1460



98.2440, 2.4290, 5.5410



68.4870, 44.4120, 87.2280



16.6340, 10.6790, 21.2310

Inverse Universe

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



131.8190, 64.3220, 23.7300



142.4810, 94.9930, 35.0650



168.7970, -46.3460, -41.1460



97.2890, 6.5560, 2.3320



50.5740, 99.1650, 36.5490



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 143.4190, 28.7830, 56.5830 looks on a white background.

Color Contrast Check

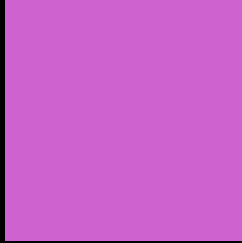
Large Text (above 18pt) WCAG AA ✓ Pass

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 143.4190, 28.7830, 56.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

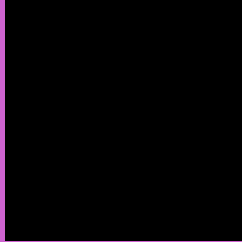
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 143.4190, 28.7830, 56.5830

Background



This preview shows how black text looks on a background with the YIQ color 143.4190, 28.7830, 56.5830.



This preview shows how white text looks on a background with the YIQ color 143.4190, 28.7830,

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

143.4190, 28.7830, 56.5830

Protanopia

137.2980, -58.4160, 23.4400

Deuteranopia

140.6750, -32.0970, 14.5190



Tritanopia

143.0490, 43.0030, 19.1230

Trichromacy



Original Color

143.4190, 28.7830, 56.5830



Protanomaly

139.6720, -26.8740, 35.5100



Deuteranomaly

141.7800, -9.8630, 30.0810



Tritanomaly

143.4420, 38.0030, 32.6510

Monochromacy



Original Color

143.4190, 28.7830, 56.5830



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

143.2210, 10.4040, 20.7080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 143.4190, 28.7830, 56.5830 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(206, 99, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 208)  
}
```

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(206, 99, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 208) }
```

Border

The CSS property to change the border of an element to YIQ 143.4190, 28.7830, 56.5830 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(206, 99, 208) }
```


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

```
.border{ border-color:rgb(206, 99, 208) }
```

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

Here you see how a box with a 4 pixel rgb(206, 99, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 143.4190, 28.7830, 56.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 208) }
```

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

```
.background{ background-color: rgb(206, 99,  
208) }
```

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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