

Converting Colors

YIQ(127.7950, 64.8700, 35.8300)

Have a look what the booklet for
YIQ(127.7950, 64.8700, 35.8300)
contains.

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Color

**YIQ(127.7950, 64.8700,
35.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	D45775
RGB	212, 87, 117
RGB Percent	83%, 34%, 46%
CMY	0.1683, 0.6590, 0.5409
CMYK	0.00, 0.59, 0.45, 0.17
HSL	346°, 59%, 59%
HSV	346°, 59%, 83%
XYZ	33.7930, 22.1027, 19.3332
YIQ	127.7950, 64.8700, 35.8300

Conversions

Conversions Part 2

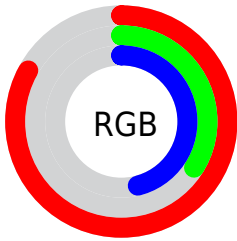
Format	Color
R_{YB}	212, 87, 117
Decimal	13916021
CIE _{Lab}	54.14, 51.90, 8.51
CIE _{LCh}	54, 52.598, 9.313
Yxy	22.1027, 0.4492, 0.2938
Android (android.graphics.Color)	4292106101 (0xFFD45775)
YUV	127.7950, -5.3219, 73.8478
Hunter-Lab	47.0135, 46.0309, 8.5278

Details

The YIQ color **127.7950, 64.8700, 35.8300** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **171.2050, -64.8700, -35.8300**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.8650, 58.6810, 32.3530**, and **70.6360, 61.0640, 38.7280** is the 20% darker color. If you saturate the color by 10%, you get **113.6440, 75.7810, 41.8370**, and if you desaturate by 10%, it is **141.9460, 53.9590, 29.8230**.

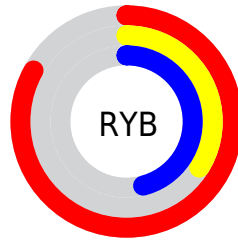
Distribution



Red (83%)

Green (34%)

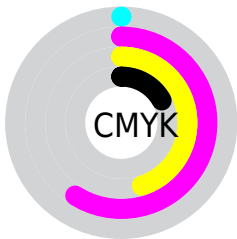
Blue (46%)



Red (83%)

Yellow (34%)

Blue (46%)

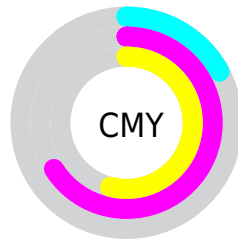


Cyan (0%)

Magenta (59%)

Yellow (45%)

Black (17%)



Cyan (17%)


Magenta (66%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.7950, 64.8700, 35.8300 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 127.7950, 64.8700, 35.8300 by changing the saturation by 10% instead.


 127.7950, 64.8700,
35.8300


 127.7950, 64.8700,
35.8300


255.0000, -0.0000,
-0.0000


 99.6530, 62.3940,
36.6500


 178.8650, 58.6810,
32.3530

 70.6360, 61.0640,
38.7280


 197.7920, 42.5890,
26.6290


 42.4340, 58.8170,
40.9050

 218.0070, 25.6260,
20.1700

 31.4830, 47.9530,
28.5370

 238.3360, 8.3420,
14.0220

 20.7450, 40.8030,
14.9390

 12.0740, 23.5190,
8.7910

 0.0000, 0.0000,

0.0000

■ 127.7950, 64.8700,
35.8300

■ 127.7950, 64.8700,
35.8300

■ 113.6440, 75.7810,
41.8370

■ 141.9460, 53.9590,
29.8230

■ 99.4930, 86.6920,
47.8440

■ 156.0970, 43.0480,
23.8160

■ 84.7550, 97.8780,
54.3740

■ 170.8350, 31.8620,
17.2860

■ 70.6040, 108.7890,
60.3810

■ 184.9860, 20.9510,
11.2790

■ 69.2020, 109.9810,
60.8050

■ 199.2510, 9.7190,
5.5830

■ 213.4020, -1.1920,
-0.4240

■ 227.5530,
-12.1030, -6.4310

■ 241.1170,
-22.7390, -11.9150

■ 242.1430,
-25.6280, -9.1160

Harmonies

Analogous

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



131.4780, 38.3220, 43.3940



127.7950, 64.8700, 35.8300



127.2570, 71.4760, 15.2200

Triad

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



127.7950, 64.8700, 35.8300



117.3060, -2.4230, -38.7030



108.3370, -108.0190, -8.2350

Complementary

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



127.7950, 64.8700, 35.8300



171.2050, -64.8700, -35.8300

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.



109.2540, -100.9560, -20.6040



127.7950, 64.8700, 35.8300



98.4070, -71.7910, -48.0710

Square

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



127.7950, 64.8700, 35.8300



122.7640, 37.5100, -30.0260



104.9390, -87.4280, -34.5000



120.1130, -68.5010, 13.4750

Rectangle

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



127.7950, 64.8700, 35.8300



126.1940, 66.6190, -1.3890



104.9390, -87.4280, -34.5000



109.3000, -106.5970, -11.9810

Sweetspot

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



127.7950, 64.8700, 35.8300



224.0080, 23.8850, 13.1730



129.3560, 15.8990, 58.8030



108.4690, 15.0370, 8.3250



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.



127.7950, 64.8700, 35.8300



133.1350, 93.7520, 52.0560



142.5720, 65.9750, 10.2870



99.6310, 5.5930, 3.2650



55.8030, 88.7550, 49.0030



13.9970, 22.4180, 12.2260

Inverse Universe

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



127.7950, 64.8700, 35.8300



133.1350, 93.7520, 52.0560



156.4280, -65.9750, -10.2870



99.6310, 5.5930, 3.2650



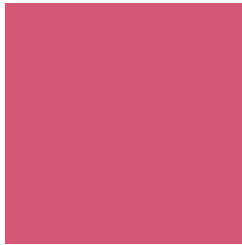
55.8030, 88.7550, 49.0030



13.9970, 22.4180, 12.2260

Previews

White Background



This preview shows how the YIQ color 127.7950, 64.8700, 35.8300 looks on a white background.

Color Contrast Check

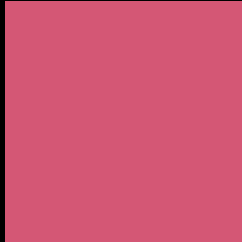
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7950, 64.8700, 35.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

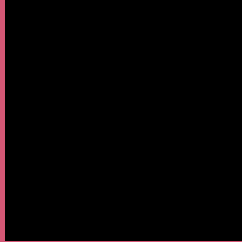
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.7950, 64.8700, 35.8300

Background



This preview shows how black text looks on a background with the YIQ color 127.7950, 64.8700, 35.8300.



This preview shows how white text looks on a background with the YIQ color 127.7950, 64.8700,

35.8300.

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

127.7950, 64.8700, 35.8300

Protanopia

130.2540, -3.5310, 3.4210

Deuteranopia

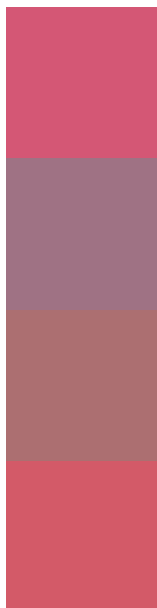
130.5800, 18.7980, 0.7340



Tritanopia

127.5640, 69.5940, 27.3060

Trichromacy



Original Color

127.7950, 64.8700, 35.8300

Protanomaly

129.5070, 21.0420, 15.1380

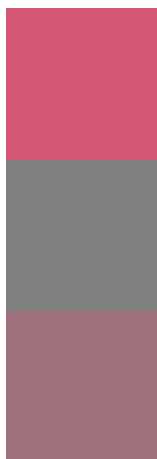
Deuteranomaly

129.4670, 35.7140, 13.5540

Tritanomaly

127.7750, 67.6220, 30.0060

Monochromacy



Original Color

127.7950, 64.8700, 35.8300

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.0080, 23.8850, 13.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7950, 64.8700, 35.8300 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(212, 87, 117)` looks like.

```
.text, #text, p{  
    color:rgb(212, 87, 117)  
}
```

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(212, 87, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 87, 117) }
```

Border

The CSS property to change the border of an element to YIQ 127.7950, 64.8700, 35.8300 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(212, 87, 117) }
```


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

```
.border{ border-color:rgb(212, 87, 117) }
```

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

Here you see how a box with a 4 pixel rgb(212, 87, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 87, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 87, 117);  
box-shadow:4px 4px 4px 4px rgb(212, 87,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7950, 64.8700, 35.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 87, 117) }
```

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

```
.background{ background-color: rgb(212, 87,  
117) }
```

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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