

Converting Colors

YIQ(130.0500, 68.7660, 42.3180)

Have a look what the booklet for
YIQ(130.0500, 68.7660, 42.3180)
contains.

YIQ(130.0500, 68.7660, 42.3180)	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(130.0500, 68.7660,
42.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	DE547E
RGB	222, 84, 126
RGB Percent	87%, 33%, 49%
CMY	0.1291, 0.6708, 0.5056
CMYK	0.00, 0.62, 0.43, 0.13
HSL	342°, 68%, 60%
HSV	342°, 62%, 87%
XYZ	37.0876, 23.3835, 22.3181
YIQ	130.0500, 68.7660, 42.3180

Conversions

Conversions Part 2

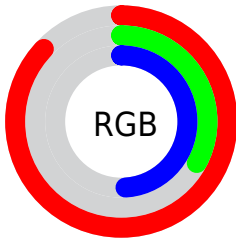
Format	Color
R_{YB}	222, 84, 126
Decimal	14570622
CIE _{Lab}	55.47, 57.33, 5.29
CIE _{LCh}	55, 57.575, 5.275
Yxy	23.3835, 0.4480, 0.2824
Android (android.graphics.Color)	4292760702 (0xFFDE547E)
YUV	130.0500, -1.9967, 80.6401
Hunter-Lab	48.3565, 52.2789, 6.4852

Details

The YIQ color **130.0500, 68.7660, 42.3180** 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 **175.9500, -68.7660, -42.3180**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **178.7170, 56.3420, 36.1980**, and **68.9560, 66.3350, 47.8310** is the 20% darker color. If you saturate the color by 10%, you get **115.4260, 79.6310, 49.1590**, and if you desaturate by 10%, it is **144.7880, 57.5800, 35.7880**.

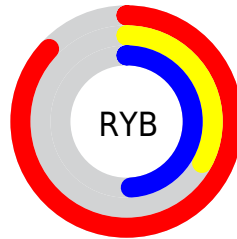
Distribution



Red (87%)

Green (33%)

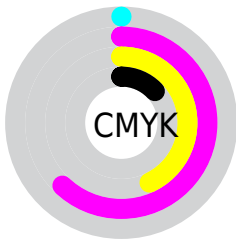
Blue (49%)



Red (87%)

Yellow (33%)

Blue (49%)

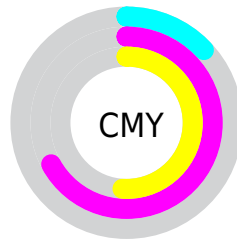


Cyan (0%)

Magenta (62%)

Yellow (43%)

Black (13%)



Cyan (13%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.0500, 68.7660, 42.3180 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 130.0500, 68.7660, 42.3180 by changing the saturation by 10% instead.

■ 130.0500, 68.7660,
42.3180

■ 130.0500, 68.7660,
42.3180

255.0000, -0.0000,
-0.0000

■ 101.2070, 66.8860,
43.3500

■ 178.8310, 56.0210,
36.5090

■ 68.9560, 66.3350,
47.8310

■ 198.3450, 39.6540,
30.2620

■ 46.0370, 61.6130,
45.3010

■ 218.5600, 22.6910,
23.8030

■ 34.9720, 51.0700,
32.6220

■ 237.9770, 7.9750,
15.1670

■ 23.9780, 41.7650,
19.5330

■ 14.5800, 27.9660,
10.7980

■ 0.0000, 0.0000,

0.0000

■ 130.0500, 68.7660,
42.3180

■ 130.0500, 68.7660,
42.3180

■ 115.4260, 79.6310,
49.1590

■ 144.7880, 57.5800,
35.7880

■ 100.6880, 90.8170,
55.6890

■ 159.4120, 46.7150,
28.9470

■ 85.4770, 101.9570,
63.0530

■ 174.6230, 35.5750,
21.5830

■ 74.1300, 110.4840,
68.2120

■ 189.3610, 24.3890,
15.0530

■ 203.9850, 13.5240,
8.2120

■ 218.7230, 2.3380,
1.6820

■ 233.3470, -8.5270,
-5.1590

■ 244.5630,
-18.0630, -8.5510

■ 245.1330,
-19.6680, -6.9960

Harmonies

Analogous

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



135.0420, 36.8540, 47.9740



130.0500, 68.7660, 42.3180



128.9530, 78.4440, 21.1000

Triad

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



130.0500, 68.7660, 42.3180



120.0200, 4.1340, -41.8980



112.8850, -112.5580, -8.5740

Complementary

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



130.0500, 68.7660, 42.3180



175.9500, -68.7660, -42.3180

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.



112.5310, -103.2940, -22.2860



130.0500, 68.7660, 42.3180



100.5440, -70.9190, -52.8630

Square

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



130.0500, 68.7660, 42.3180



124.7450, 47.6890, -32.7830



107.5320, -87.8400, -38.0480



106.3940, -112.1930, 1.3350

Rectangle

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



130.0500, 68.7660, 42.3180



129.1950, 74.0460, 1.6780



107.5320, -87.8400, -38.0480



113.6200, -110.4940, -12.9420

Sweetspot

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



130.0500, 68.7660, 42.3180



222.9480, 24.1140, 14.5300



127.8380, 11.7260, 62.8460



107.9960, 14.9910, 9.1590



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.



130.0500, 68.7660, 42.3180



127.7210, 95.2180, 58.5300



139.9370, 75.3730, 16.1810



104.6310, 5.5930, 3.2650



58.7800, 87.5620, 54.1060



16.0620, 23.7930, 14.8410

Inverse Universe

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



130.0500, 68.7660, 42.3180



127.7210, 95.2180, 58.5300



166.0630, -75.3730, -16.1810



104.6310, 5.5930, 3.2650



58.7800, 87.5620, 54.1060



16.0620, 23.7930, 14.8410

Previews

White Background



This preview shows how the YIQ color 130.0500, 68.7660, 42.3180 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 130.0500, 68.7660, 42.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

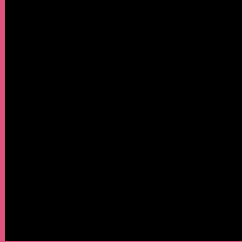
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.0500, 68.7660, 42.3180

Background



This preview shows how black text looks on a background with the YIQ color 130.0500, 68.7660, 42.3180.



This preview shows how white text looks on a background with the YIQ color 130.0500, 68.7660,

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

130.0500, 68.7660, 42.3180

Protanopia

133.6110, -8.8500, 6.2060

Deuteranopia

134.4380, 16.3220, 1.5540



Tritanopia

129.5540, 75.5540, 29.4260

Trichromacy



Original Color

130.0500, 68.7660, 42.3180

Protanomaly

132.6580, 19.2990, 19.1950

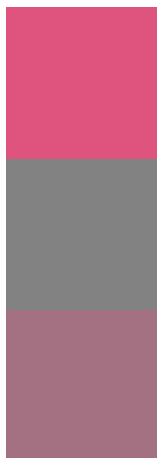
Deuteranomaly

133.1620, 35.2550, 16.3670

Tritanomaly

129.9330, 73.1690, 34.1050

Monochromacy



Original Color

130.0500, 68.7660, 42.3180

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7740, 24.6640, 15.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.0500, 68.7660, 42.3180 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(222, 84, 126)` looks like.

```
.text, #text, p{  
    color:rgb(222, 84, 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(222, 84, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 126) }
```

Border

The CSS property to change the border of an element to YIQ 130.0500, 68.7660, 42.3180 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(222, 84, 126) }
```


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

```
.border{ border-color:rgb(222, 84, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 84, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 126);  
box-shadow:4px 4px 4px 4px rgb(222, 84,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 130.0500, 68.7660, 42.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 126) }
```

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

```
.background{ background-color: rgb(222, 84,  
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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