

# Converting Colors

YIQ(128.2430, 75.2320, 35.2640)

Have a look what the booklet for  
YIQ(128.2430, 75.2320, 35.2640)  
contains.

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# Color

**YIQ(128.2430, 75.2320,  
35.2640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DE5569
RGB	222, 85, 105
RGB Percent	87%, 33%, 41%
CMY	0.1291, 0.6669, 0.5879
CMYK	0.00, 0.62, 0.53, 0.13
HSL	351°, 68%, 60%
HSV	351°, 62%, 87%
XYZ	35.9481, 23.0526, 15.9390
YIQ	128.2430, 75.2320, 35.2640

# Conversions

## Conversions Part 2

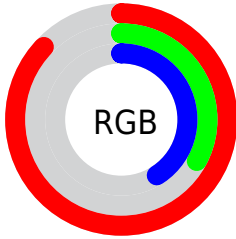
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	222, 85, 105
Decimal	14570857
CIE Lab	55.13, 55.01, 17.23
CIE LCh	55, 57.644, 17.388
Yxy	23.0526, 0.4797, 0.3076
Android (android.graphics.Color)	4292760937 (0xFFDE5569)
YUV	128.2430, -11.4588, 82.2249
Hunter-Lab	48.0131, 49.6227, 13.9266

# Details

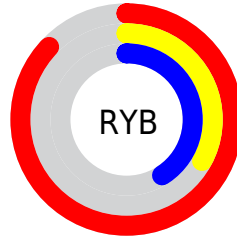
The YIQ color **128.2430, 75.2320, 35.2640** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **178.7570, -75.2320, -35.2640**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2090, 63.4040, 29.3560**, and **68.2520, 71.0130, 40.1410** is the 20% darker color. If you saturate the color by 10%, you get **113.1630, 87.3810, 40.8610**, and if you desaturate by 10%, it is **143.3230, 63.0830, 29.6670**.

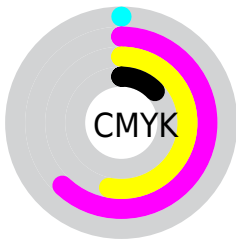
# Distribution



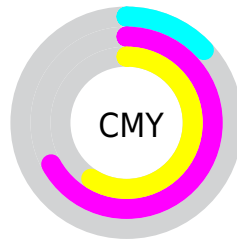
- Red (87%)
- Green (33%)
- Blue (41%)



- Red (87%)
- Yellow (33%)
- Blue (41%)



- Cyan (0%)
- Magenta (62%)
- Yellow (53%)
- Black (13%)




- Cyan (13%)
- Magenta (67%)
- Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 128.2430, 75.2320, 35.2640 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 128.2430, 75.2320, 35.2640 by changing the saturation by 10% instead.





 128.2430, 75.2320,  
35.2640


 128.2430, 75.2320,  
35.2640


255.0000, -0.0000,  
-0.0000


 100.1010, 72.7560,  
36.0840


 176.2090, 63.4040,  
29.3560


 68.2520, 71.0130,  
40.1410


 195.7230, 47.0370,  
23.1090


 43.6860, 66.7950,  
39.4910

 215.8240, 30.3950,  
16.3390

 32.4360, 55.3350,  
26.9110

 236.1530, 13.1110,  
10.1910

 22.2400, 43.7830,  
15.9990

 13.9820, 26.7740,  
10.3740

 0.0000, 0.0000,

0.0000

■ 128.2430, 75.2320,  
35.2640

■ 128.2430, 75.2320,  
35.2640

■ 113.1630, 87.3810,  
40.8610

■ 143.3230, 63.0830,  
29.6670

■ 98.0830, 99.5300,  
46.4580

■ 158.4030, 50.9340,  
24.0700

■ 82.4160, 111.9540,  
52.5780

■ 174.0700, 38.5100,  
17.9500

■ 70.1400, 121.7190,  
57.3270

■ 189.1500, 26.3610,  
12.3530

■ 204.2300, 14.2120,  
6.7560

■ 219.3100, 2.0630,  
1.1590

■ 234.3900,  
-10.0860, -4.4380

■ 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.



131.8280, 52.0760, 47.4360



128.2430, 75.2320, 35.2640



128.3190, 76.9330, 9.9330

# Triad

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



128.2430, 75.2320, 35.2640



114.9340, -19.1110, -44.6390



110.6340, -113.1090, -4.0930

# Complementary

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



128.2430, 75.2320, 35.2640



178.7570, -75.2320, -35.2640

# 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.



113.1810, -107.8800, -16.2640



128.2430, 75.2320, 35.2640



102.7100, -77.0180, -46.9540

# Square

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



128.2430, 75.2320, 35.2640



122.2700, 32.7890, -38.0830



109.8120, -94.2600, -31.8280



127.4510, -54.4730, 23.5670



# Rectangle

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



128.2430, 75.2320, 35.2640



127.2940, 68.9130, -9.9270



109.8120, -94.2600, -31.8280



111.8250, -112.3290, -7.2170

# Sweetspot

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



128.2430, 75.2320, 35.2640



222.1500, 26.3610, 12.3530



135.6010, 25.7550, 67.4110



107.4260, 16.5960, 7.6040



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.



128.2430, 75.2320, 35.2640



125.7030, 103.6560, 48.7760



154.1390, 68.4520, 3.9400



104.5170, 5.9140, 2.9540



55.5880, 96.5500, 45.3980



15.1500, 26.3610, 12.3530



# Inverse Universe

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



128.2430, 75.2320, 35.2640



125.7030, 103.6560, 48.7760



152.8610, -68.4520, -3.9400



104.5170, 5.9140, 2.9540



55.5880, 96.5500, 45.3980



15.1500, 26.3610, 12.3530



# Previews

## White Background



This preview shows how the YIQ color 128.2430, 75.2320, 35.2640 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 128.2430, 75.2320, 35.2640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

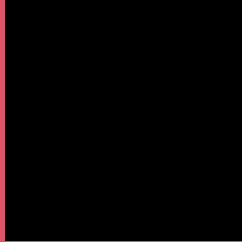
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 128.2430, 75.2320, 35.2640

## Background



This preview shows how black text looks on a background with the YIQ color 128.2430, 75.2320, 35.2640.



This preview shows how white text looks on a background with the YIQ color 128.2430, 75.2320,

35.2640.

# 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

128.2430, 75.2320, 35.2640

### Protanopia

132.7400, 3.6680, -0.3960

### Deuteranopia

132.4790, 26.2720, -2.5600



## Tritanopia

127.7500, 77.9380, 30.2740

# Trichromacy



## Original Color

128.2430, 75.2320, 35.2640

## Protanomaly

131.1180, 29.3870, 12.5790

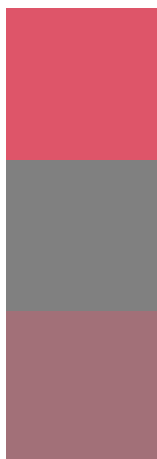
## Deuteranomaly

131.0780, 44.0590, 10.9950

## Tritanomaly

127.6190, 76.9290, 32.0410

# Monochromacy



## Original Color

128.2430, 75.2320, 35.2640

## Achromatopsia

128.0000, -0.0000, -0.0000

## Achromatomaly

127.8620, 27.2320, 13.0880

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 128.2430, 75.2320, 35.2640 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, 85, 105)` looks like.

```
.text, #text, p{  
    color:rgb(222, 85, 105)  
}
```

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, 85, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 85, 105) }
```

## Border

The CSS property to change the border of an element to YIQ 128.2430, 75.2320, 35.2640 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, 85, 105) }
```



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

```
.border{ border-color:rgb(222, 85, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 85, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 85, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 85, 105);  
box-shadow:4px 4px 4px 4px rgb(222, 85,  
105) }
```

# Background

The CSS property to change the background color of an element to YIQ 128.2430, 75.2320, 35.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 85, 105) }
```

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

```
.background{ background-color: rgb(222, 85,  
105) }
```

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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