

# Converting Colors

XYZ(39.4075, 29.2481, 25.7236)

Have a look what the booklet for  
XYZ(39.4075, 29.2481, 25.7236)  
contains.

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# Color

**XYZ(39.5084, 29.3215,  
25.7676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA7585
RGB	218, 117, 133
RGB Percent	85%, 46%, 52%
CMY	0.1451, 0.5412, 0.4784
CMYK	0.00, 0.46, 0.39, 0.15
HSL	350°, 58%, 66%
HSV	350°, 46%, 85%
XYZ	39.5084, 29.3215, 25.7676
YIQ	149.0230, 55.0600, 26.3880

# Conversions

## Conversions Part 2

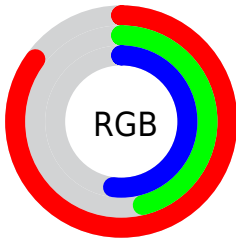
Format	Color
<a href="#">RYB</a>	<a href="#">218, 117, 133</a>
Decimal	<a href="#">14316933</a>
CIELab	<a href="#">61.06, 40.98, 9.16</a>
CIElCh	<a href="#">61, 41.991, 12.601</a>
Yxy	<a href="#">29.3215, 0.4176, 0.3100</a>
Android (android.graphics.Color)	<a href="#">4292507013</a> ( <a href="#">0xFFDA7585</a> )
YUV	<a href="#">149.0230, -7.8993, 60.4928</a>
Hunter-Lab	<a href="#">54.1493, 35.4757, 9.6907</a>

# Details

The XYZ color **39.5084, 29.3215, 25.7676** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.0697, 58.1897, 64.8423**, and the grayscale version is **28.5936, 30.0827, 32.7600**.

A 20% lighter version of the original color is **64.6658, 53.9310, 53.4558**, and **17.9877, 11.8943, 9.7353** is the 20% darker color. If you saturate the color by 10%, you get **36.0989, 24.3569, 18.9140**, and if you desaturate by 10%, it is **43.7323, 35.5604, 33.9856**.

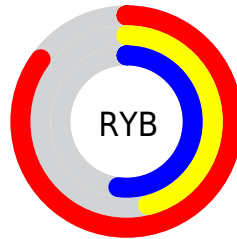
# Distribution



Red (85%)

Green (46%)

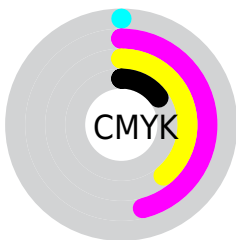
Blue (52%)



Red (85%)

Yellow (46%)

Blue (52%)

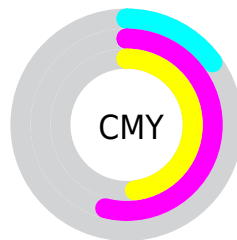


Cyan (0%)

Magenta (46%)

Yellow (39%)

Black (15%)



Cyan (15%)

Magenta (54%)


Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5084, 29.3215, 25.7676 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 XYZ color 39.5084, 29.3215, 25.7676 by changing the saturation by 10% instead.





 39.5084, 29.3215,  
25.7676


 39.5084, 29.3215,  
25.7676

335.2172,  
298.7289, 295.2085


 27.3380, 19.3242,  
16.4257


 73.7035, 58.5875,  
53.8793

 17.9651, 11.9047,  
9.6683

 96.4588, 78.6250,  
73.4861

 11.0245, 6.6788,  
5.0768


 123.4731,  
102.7779, 97.3516

 6.1507, 3.2621,  
2.2329

155.1118,  
131.4307, 125.8943

 2.9785, 1.2700,  
0.6933

191.7402,  
164.9679, 159.5328

 1.1424, 0.1178,  
0.0000

233.7237,

 0.0601, 0.0000,

203.7737, 198.6857

0.0000

281.4276,  
248.2325, 243.7714

■ 0.0000, 0.0000,  
0.0000

■ 39.5084, 29.3215,  
25.7676

■ 39.5084, 29.3215,  
25.7676

■ 36.0989, 24.3569,  
18.9140

■ 43.7323, 35.5604,  
33.9856

■ 33.4482, 20.5743,  
13.3486

■ 48.8166, 43.1486,  
43.6352

■ 31.4976, 17.8759,  
8.9902


■ 54.8065, 52.1608,  
54.7809


■ 30.1782, 16.1463,  
5.7472


■ 61.7435, 62.6646,  
67.4831

■ 29.4052, 15.2412,  
3.5140

■ 69.6665, 74.7236,  
81.7985

 29.2098, 15.0240,  
2.9138

 78.6120, 88.3975,  
97.7812

 82.7234, 93.6454,  
108.3231

# Harmonies

## Analogous

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



39.2201, 29.3215, 41.8596



39.5084, 29.3215, 25.7676



36.3953, 29.3215, 15.5079

# Triad

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



39.5084, 29.3215, 25.7676



21.3099, 29.3215, 14.4268



24.8267, 29.3215, 70.3960

# Complementary

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



39.5084, 29.3215, 25.7676



43.0697, 58.1897, 64.8423

# 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.



20.7910, 29.3215, 57.1100



39.5084, 29.3215, 25.7676



18.9515, 29.3215, 23.7033

# Square

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



39.5084, 29.3215, 25.7676



25.6265, 29.3215, 10.5604



18.7749, 29.3215, 38.9952



30.2391, 29.3215, 71.5130



# Rectangle

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



39.5084, 29.3215, 25.7676



33.0213, 29.3215, 11.8877



18.7749, 29.3215, 38.9952



23.2829, 29.3215, 67.0446

# Sweetspot

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



39.5092, 29.3230, 25.7681



80.2342, 77.5134, 81.9339



43.1494, 30.2268, 69.8898



16.7373, 15.9322, 16.7339



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5092, 29.3230, 25.7681



51.4164, 34.6366, 26.8291



43.1384, 38.2174, 21.9347



13.1397, 13.0850, 13.9970



17.5254, 9.0112, 1.8808



1.1620, 0.5945, 0.2622



# Inverse Universe

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



39.5092, 29.3230, 25.7681



51.4164, 34.6366, 26.8291



37.2021, 43.2648, 72.7199



13.1397, 13.0850, 13.9970



17.5254, 9.0112, 1.8808



1.1620, 0.5945, 0.2622



# Previews

## White Background



This preview shows how the XYZ color 39.5084, 29.3215, 25.7676 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

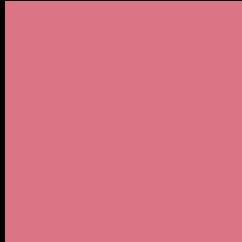
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.5084, 29.3215, 25.7676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

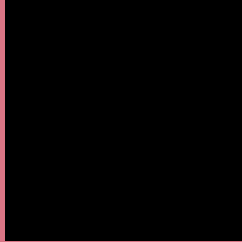
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 39.5084, 29.3215, 25.7676**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.5084, 29.3215, 25.7676.



This preview shows how white text looks on a background with the XYZ color 39.5084, 29.3215,

25.7676.

# 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

39.5084, 29.3215, 25.7676

### Protanopia

28.4362, 29.5214, 32.6332

### Deuteranopia

29.9976, 29.3660, 24.8560



## Tritanopia

38.9245, 29.2409, 23.6712

# Trichromacy



## Original Color

39.5084, 29.3215, 25.7676

## Protanomaly

31.4413, 28.7054, 29.8702

## Deuteranomaly

32.9103, 28.9516, 24.9727

## Tritanomaly

39.0562, 29.2936, 24.3646

# Monochromacy



## Original Color

39.5084, 29.3215, 25.7676

## Achromatopsia

28.5667, 30.0544, 32.7292

## Achromatomaly

31.3591, 28.8732, 29.9069

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.5084, 29.3215, 25.7676 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(218, 117, 133)` looks like.

```
.text, #text, p{  
    color:rgb(218, 117, 133)  
}
```

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(218, 117, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 117, 133) }
```

## Border

The CSS property to change the border of an element to XYZ 39.5084, 29.3215, 25.7676 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(218, 117, 133) }
```



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

```
.border{ border-color:rgb(218, 117, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 117, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 117, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 117, 133);  
box-shadow:4px 4px 4px 4px rgb(218, 117,  
133) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.5084, 29.3215, 25.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 117, 133) }
```

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

```
.background{ background-color: rgb(218,  
117, 133) }
```

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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