

# Converting Colors

$Y_{xy}(28.1779, 0.4429, 0.3282)$

Have a look what the booklet for  
Yxy(28.1779, 0.4429, 0.3282)  
contains.

<b>Yxy(28.1779, 0.4429, 0.3282)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(28.1779, 0.4429, 0.3282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA7273
RGB	218, 114, 115
RGB Percent	85%, 45%, 45%
CMY	0.1451, 0.5529, 0.5490
CMYK	0.00, 0.48, 0.47, 0.15
HSL	359°, 58%, 65%
HSV	359°, 48%, 85%
XYZ	38.0256, 28.1779, 19.6524
YIQ	145.2100, 61.6630, 22.3590

# Conversions

## Conversions Part 2

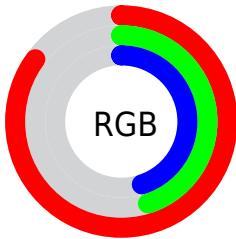
Format	Color
R <sub>Y</sub> B	218, 114, 115
Decimal	14316147
CIE Lab	60.05, 40.63, 18.09
CIE LCh	60, 44.473, 24.005
Yxy	28.1779, 0.4429, 0.3282
Android (android.graphics.Color)	4292506227 (0xFFDA7273)
YUV	145.2100, -14.8935, 63.8368
Hunter-Lab	53.0829, 34.9723, 15.2076

# Details

The Yxy color **28.1779, 0.4429, 0.3282** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.7323, 0.2503, 0.3301**, and the grayscale version is **28.4490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0553, 0.3948, 0.3303**, and **11.2214, 0.4890, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **23.3932, 0.4876, 0.3282**, and if you desaturate by 10%, it is **34.2538, 0.4043, 0.3283**.

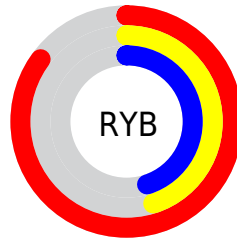
# Distribution



Red (85%)

Green (45%)

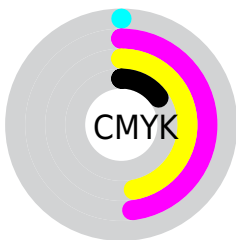
Blue (45%)



Red (85%)

Yellow (45%)

Blue (45%)

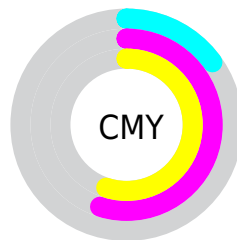


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (15%)



Cyan (15%)

Magenta (55%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1779, 0.4429, 0.3282 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 Yxy color 28.1779, 0.4429, 0.3282 by changing the saturation by 10% instead.





 28.1779, 0.4429,  
0.3282


 28.1779, 0.4429,  
0.3282


293.3160, 0.3718,  
0.3315


 18.4598, 0.4625,  
0.3261


 56.7683, 0.4156,  
0.3302


 11.2806, 0.4888,  
0.3226


 76.4095, 0.4058,  
0.3307

 6.2559, 0.5254,  
0.3162


 100.1271, 0.3977,  
0.3310

 3.0013, 0.5789,  
0.3034

 128.3056, 0.3909,  
0.3312

 1.1324, 0.7059,  
0.2941

161.3293, 0.3851,  
0.3314

 0.0054, 0.9946,  
0.0054


199.5827, 0.3800,


 0.0000, 0.0000,


0.3314


0.0000


243.4501, 0.3757,  
0.3315


 28.1779, 0.4429,  
0.3282


 28.1779, 0.4429,  
0.3282


 23.3932, 0.4876,  
0.3282


 34.2538, 0.4043,  
0.3283

 19.8024, 0.5354,  
0.3283


 41.7002, 0.3723,  
0.3285


 17.3017, 0.5808,  
0.3286


 50.5952, 0.3464,  
0.3287


 15.7676, 0.6161,  
0.3291


 61.0097, 0.3258,  
0.3289

 15.0298, 0.6360,  
0.3295

 73.0103, 0.3092,  
0.3290

 14.9103, 0.6393,  
0.3295

 86.6591, 0.2960,  
0.3292

 93.6458, 0.2906,  
0.3289

# Harmonies

## Analogous

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



28.1779, 0.3862, 0.2779



28.1779, 0.4429, 0.3282



28.1779, 0.4580, 0.3828

# Triad

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



28.1779, 0.4429, 0.3282



28.1779, 0.3008, 0.4485



28.1779, 0.2017, 0.2215

# Complementary

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



28.1779, 0.4429, 0.3282



58.7323, 0.2503, 0.3301

# 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.



28.1779, 0.1854, 0.2503



28.1779, 0.4429, 0.3282



28.1779, 0.2373, 0.3857

# Square

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



28.1779, 0.4429, 0.3282



28.1779, 0.3712, 0.4631



28.1779, 0.1970, 0.3083



28.1779, 0.2447, 0.2191



# Rectangle

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



28.1779, 0.4429, 0.3282



28.1779, 0.4432, 0.4176



28.1779, 0.1970, 0.3083



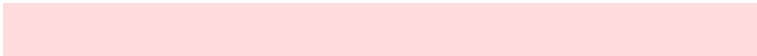
28.1779, 0.1933, 0.2280

# Sweetspot

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



28.1794, 0.4429, 0.3282



77.2279, 0.3385, 0.3287



31.7379, 0.3164, 0.2133



15.8638, 0.3432, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

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



28.1794, 0.4429, 0.3282



33.4849, 0.4866, 0.3282



42.7687, 0.4122, 0.3894



13.0535, 0.3290, 0.3288



8.9335, 0.6390, 0.3294



0.5795, 0.6357, 0.3275



# Inverse Universe

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



28.1794, 0.4429, 0.3282



33.4849, 0.4866, 0.3282



36.5482, 0.2367, 0.2579



13.0535, 0.3290, 0.3288



8.9335, 0.6390, 0.3294



0.5795, 0.6357, 0.3275



# Previews

## White Background



This preview shows how the Yxy color 28.1779, 0.4429, 0.3282 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

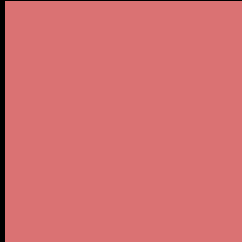
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 28.1779, 0.4429, 0.3282 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](#).

**Yxy 28.1779, 0.4429, 0.3282**

## Background



This preview shows how black text looks on a background with the Yxy color 28.1779, 0.4429, 0.3282.



This preview shows how white text looks on a background with the Yxy color 28.1779, 0.4429, 0.3282.

# 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

28.1779, 0.4429, 0.3282

### Protanopia

28.4418, 0.3342, 0.3531

### Deuteranopia

28.2709, 0.3795, 0.3713



## Tritanopia

28.0962, 0.4356, 0.3198

# Trichromacy



**Original Color**

28.1779, 0.4429, 0.3282

**Protanomaly**

27.6448, 0.3705, 0.3425

**Deuteranomaly**

27.8265, 0.4031, 0.3545

**Tritanomaly**

28.0476, 0.4382, 0.3222

# Monochromacy



**Original Color**

28.1779, 0.4429, 0.3282

**Achromatopsia**

28.3149, 0.3127, 0.3290

**Achromatomaly**

27.5421, 0.3566, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 28.1779, 0.4429, 0.3282 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, 114, 115)` looks like.

```
.text, #text, p{  
    color:rgb(218, 114, 115)  
}
```

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, 114, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 114, 115) }
```

## Border

The CSS property to change the border of an element to Yxy 28.1779, 0.4429, 0.3282 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, 114, 115) }
```

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

```
.border{ border-color:rgb(218, 114, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 114, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 114, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 114, 115);  
box-shadow:4px 4px 4px 4px rgb(218, 114,  
115) }
```



# Background

The CSS property to change the background color of an element to Yxy 28.1779, 0.4429, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 114, 115) }
```

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

```
.background{ background-color: rgb(218,  
114, 115) }
```

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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