

Converting Colors

$Y_{xy}(29.9481, 0.4257, 0.3281)$

Have a look what the booklet for
Yxy(29.9481, 0.4257, 0.3281)
contains.

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Color

Yxy(29.9481, 0.4257, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	D87A7B
RGB	216, 122, 123
RGB Percent	85%, 48%, 48%
CMY	0.1529, 0.5216, 0.5176
CMYK	0.00, 0.44, 0.43, 0.15
HSL	359°, 55%, 66%
HSV	359°, 44%, 85%
XYZ	38.8568, 29.9481, 22.4725
YIQ	150.2200, 55.7030, 20.2390

Conversions

Conversions Part 2

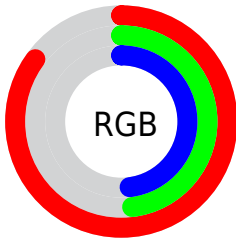
Format	Color
R _Y B	216, 122, 123
Decimal	14187131
CIE Lab	61.61, 36.57, 15.62
CIE LCh	62, 39.762, 23.125
Yxy	29.9481, 0.4257, 0.3281
Android (android.graphics.Color)	4292377211 (0xFFD87A7B)
YUV	150.2200, -13.4195, 57.6891
Hunter-Lab	54.7249, 30.9734, 13.9603

Details

The Yxy color **29.9481, 0.4257, 0.3281** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.1627, 0.2546, 0.3301**, and the grayscale version is **30.6386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.4058, 0.3845, 0.3303**, and **12.2700, 0.4656, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **24.7436, 0.4679, 0.3280**, and if you desaturate by 10%, it is **36.4513, 0.3899, 0.3283**.

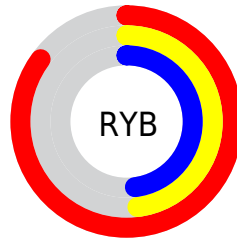
Distribution



Red (85%)

Green (48%)

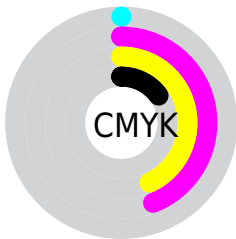
Blue (48%)



Red (85%)

Yellow (48%)

Blue (48%)

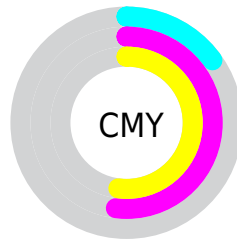


Cyan (0%)

Magenta (44%)

Yellow (43%)

Black (15%)



Cyan (15%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9481, 0.4257, 0.3281 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 29.9481, 0.4257, 0.3281 by changing the saturation by 10% instead.


 29.9481, 0.4257,
0.3281


 29.9481, 0.4257,
0.3281


301.6625, 0.3645,
0.3307


 19.7992, 0.4425,
0.3266


 59.5801, 0.4023,
0.3297

 12.2492, 0.4649,
0.3239


 79.8320, 0.3939,
0.3301

 6.9136, 0.4962,
0.3192


 104.2203, 0.3869,
0.3303

 3.4081, 0.5423,
0.3100

133.1295, 0.3810,
0.3305

 1.3483, 0.6336,
0.2984

166.9439, 0.3760,
0.3306

 0.1782, 0.8586,
0.1414

206.0479, 0.3716,

 0.0000, 1.0000,

0.3306

0.0000

250.8260, 0.3678,
0.3307

0.0000, 0.0000,
0.0000

29.9481, 0.4257,
0.3281

29.9481, 0.4257,
0.3281

24.7436, 0.4679,
0.3280

36.4513, 0.3899,
0.3283

20.7465, 0.5149,
0.3281

44.3273, 0.3607,
0.3285

17.8611, 0.5622,
0.3283


53.6503, 0.3372,
0.3287


15.9751, 0.6026,
0.3288


64.4874, 0.3184,
0.3289

14.9527, 0.6293,
0.3293

76.9020, 0.3034,
0.3291

 14.6061, 0.6391,
0.3295

 90.9536, 0.2913,
0.3293

 93.3410, 0.2894,
0.3289

Harmonies

Analogous

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



29.9481, 0.3755, 0.2827



29.9481, 0.4257, 0.3281



29.9481, 0.4408, 0.3772

Triad

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



29.9481, 0.4257, 0.3281



29.9481, 0.3051, 0.4332



29.9481, 0.2130, 0.2339

Complementary

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



29.9481, 0.4257, 0.3281



58.1627, 0.2546, 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.



29.9481, 0.1990, 0.2614



29.9481, 0.4257, 0.3281



29.9481, 0.2481, 0.3804

Square

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



29.9481, 0.4257, 0.3281



29.9481, 0.3674, 0.4462



29.9481, 0.2107, 0.3137



29.9481, 0.2513, 0.2305

Rectangle

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



29.9481, 0.4257, 0.3281



29.9481, 0.4293, 0.4079



29.9481, 0.2107, 0.3137



29.9481, 0.2055, 0.2403

Sweetspot

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



29.9496, 0.4257, 0.3281



78.7078, 0.3363, 0.3287



33.2405, 0.3161, 0.2226



16.1550, 0.3411, 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.



29.9496, 0.4257, 0.3281



36.7282, 0.4633, 0.3280



43.8045, 0.4012, 0.3843



12.4229, 0.3289, 0.3288



8.6451, 0.6388, 0.3293



0.5222, 0.6349, 0.3271

Inverse Universe

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



29.9496, 0.4257, 0.3281



36.7282, 0.4633, 0.3280



38.0605, 0.2433, 0.2653



12.4229, 0.3289, 0.3288



8.6451, 0.6388, 0.3293



0.5222, 0.6349, 0.3271

Previews

White Background



This preview shows how the Yxy color 29.9481, 0.4257, 0.3281 looks on a white background.

Color Contrast Check

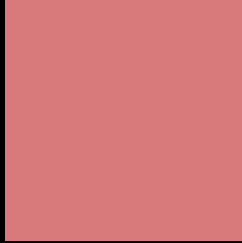
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9481, 0.4257, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

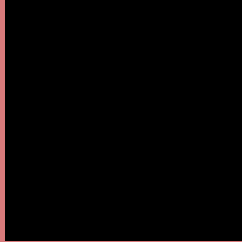
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9481, 0.4257, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 29.9481, 0.4257, 0.3281.



This preview shows how white text looks on a background with the Yxy color 29.9481, 0.4257, 0.3281.

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

29.9481, 0.4257, 0.3281

Protanopia

30.2410, 0.3316, 0.3493

Deuteranopia

29.9755, 0.3723, 0.3646



Tritanopia

30.0382, 0.4184, 0.3183

Trichromacy



Original Color

29.9481, 0.4257, 0.3281

Protanomaly

29.4510, 0.3641, 0.3408

Deuteranomaly

29.5028, 0.3921, 0.3501

Tritanomaly

29.9588, 0.4223, 0.3220

Monochromacy



Original Color

29.9481, 0.4257, 0.3281

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6483, 0.3504, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9481, 0.4257, 0.3281 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(216, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(216, 122, 123)  
}
```

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(216, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 122, 123) }
```

Border

The CSS property to change the border of an element to Yxy 29.9481, 0.4257, 0.3281 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(216, 122, 123) }
```

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

```
.border{ border-color:rgb(216, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(216, 122,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9481, 0.4257, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 122, 123) }
```

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

```
.background{ background-color: rgb(216,  
122, 123) }
```

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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