

Converting Colors

$Y_{xy}(29.2698, 0.4238, 0.3233)$

Have a look what the booklet for
Yxy(29.2698, 0.4238, 0.3233)
contains.

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Color

Yxy(29.3607, 0.4232, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	D7787D
RGB	215, 120, 125
RGB Percent	84%, 47%, 49%
CMY	0.1568, 0.5294, 0.5099
CMYK	0.00, 0.44, 0.42, 0.16
HSL	357°, 54%, 66%
HSV	357°, 44%, 84%
XYZ	38.4451, 29.3607, 23.0380
YIQ	148.9750, 55.0150, 21.6950

Conversions

Conversions Part 2

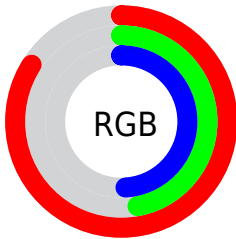
Format	Color
R _Y B	215, 120, 125
Decimal	14121085
CIE Lab	61.10, 37.45, 13.75
CIE LCh	61, 39.898, 20.162
Yxy	29.3607, 0.4232, 0.3232
Android (android.graphics.Color)	4292311165 (0xFFD7787D)
YUV	148.9750, -11.8197, 57.9039
Hunter-Lab	54.1855, 31.8226, 12.7216

Details

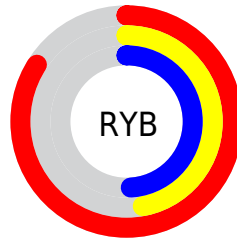
The Yxy color **29.3607, 0.4232, 0.3232** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.2561, 0.2560, 0.3355**, and the grayscale version is **30.0774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7465, 0.3824, 0.3250**, and **11.9461, 0.4622, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **24.2900, 0.4640, 0.3223**, and if you desaturate by 10%, it is **35.7022, 0.3886, 0.3245**.

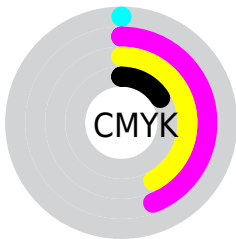
Distribution



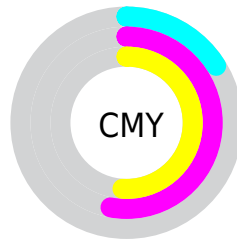
- Red (84%)
- Green (47%)
- Blue (49%)



- Red (84%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (42%)
- Black (16%)




- Cyan (16%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3607, 0.4232, 0.3232 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 29.3607, 0.4232, 0.3232 by changing the saturation by 10% instead.


 29.3607, 0.4232,
0.3232


 29.3607, 0.4232,
0.3232


298.9131, 0.3632,
0.3282

 19.3539, 0.4398,
0.3211

 58.6497, 0.4002,
0.3256

 11.9262, 0.4619,
0.3178


 78.7006, 0.3920,
0.3263

 6.6935, 0.4931,
0.3122


 102.8683, 0.3851,
0.3269

 3.2712, 0.5393,
0.3018

131.5373, 0.3793,
0.3273

 1.2749, 0.6283,
0.2870

165.0918, 0.3744,
0.3276

 0.1216, 0.8957,
0.1043

203.9164, 0.3702,

 0.0000, 0.0000,

0.3278


0.0000

248.3953, 0.3665,
0.3280

 29.3607, 0.4232,
0.3232


 29.3607, 0.4232,
0.3232


 24.2900, 0.4640,
0.3223


 35.7022, 0.3886,
0.3245


 20.4003, 0.5096,
0.3219

 43.3875, 0.3603,
0.3258


 17.5975, 0.5560,
0.3225

 52.4892, 0.3375,
0.3272

 15.7711, 0.5969,
0.3241

 63.0735, 0.3192,
0.3285

 14.7867, 0.6254,
0.3265

 75.2024, 0.3046,
0.3297

 14.4742, 0.6355,
0.3274

 88.9344, 0.2928,
0.3308

 93.1894, 0.2889,
0.3289

Harmonies

Analogous

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



29.3607, 0.3698, 0.2782



29.3607, 0.4232, 0.3232



29.3607, 0.4424, 0.3727

Triad

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



29.3607, 0.4232, 0.3232



29.3607, 0.3112, 0.4377



29.3607, 0.2096, 0.2346

Complementary

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



29.3607, 0.4232, 0.3232



57.2561, 0.2560, 0.3355

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.



29.3607, 0.1980, 0.2648



29.3607, 0.4232, 0.3232



29.3607, 0.2524, 0.3874

Square

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



29.3607, 0.4232, 0.3232



29.3607, 0.3737, 0.4463



29.3607, 0.2123, 0.3198



29.3607, 0.2458, 0.2290

Rectangle

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



29.3607, 0.4232, 0.3232



29.3607, 0.4331, 0.4042



29.3607, 0.2123, 0.3198



29.3607, 0.2029, 0.2418

Sweetspot

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



29.3622, 0.4232, 0.3232



78.7825, 0.3354, 0.3273



31.8484, 0.3114, 0.2195



16.1731, 0.3399, 0.3270



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.



29.3622, 0.4232, 0.3232



36.1878, 0.4611, 0.3223



41.3554, 0.4056, 0.3795



12.4313, 0.3283, 0.3278



8.6607, 0.6340, 0.3266



0.5262, 0.6156, 0.3165

Inverse Universe

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



29.3622, 0.4232, 0.3232



36.1878, 0.4611, 0.3223



39.1108, 0.2435, 0.2712



12.4313, 0.3283, 0.3278



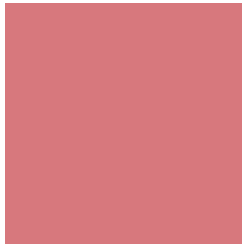
8.6607, 0.6340, 0.3266



0.5262, 0.6156, 0.3165

Previews

White Background



This preview shows how the Yxy color 29.3607, 0.4232, 0.3232 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 29.3607, 0.4232, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

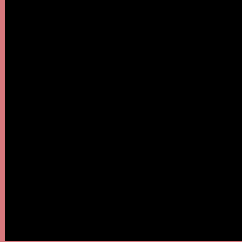
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3607, 0.4232, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 29.3607, 0.4232, 0.3232.



This preview shows how white text looks on a background with the Yxy color 29.3607, 0.4232, 0.3232.

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

29.3607, 0.4232, 0.3232

Protanopia

29.5038, 0.3269, 0.3416

Deuteranopia

29.3844, 0.3672, 0.3606



Tritanopia

29.1992, 0.4198, 0.3183

Trichromacy



Original Color

29.3607, 0.4232, 0.3232

Protanomaly

28.8427, 0.3603, 0.3335

Deuteranomaly

29.0201, 0.3880, 0.3461

Tritanomaly

29.1730, 0.4211, 0.3195

Monochromacy



Original Color

29.3607, 0.4232, 0.3232

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9546, 0.3498, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3607, 0.4232, 0.3232 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(215, 120, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 120, 125)  
}
```

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(215, 120, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 120, 125) }
```

Border

The CSS property to change the border of an element to Yxy 29.3607, 0.4232, 0.3232 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(215, 120, 125) }
```

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

```
.border{ border-color:rgb(215, 120, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 120, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 120, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 120, 125);  
box-shadow:4px 4px 4px 4px rgb(215, 120,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3607, 0.4232, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 120, 125) }
```

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

```
.background{ background-color: rgb(215,  
120, 125) }
```

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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