

Converting Colors

$Y_{xy}(28.0887, 0.4351, 0.3162)$

Have a look what the booklet for
Yxy(28.0887, 0.4351, 0.3162)
contains.

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Color

Yxy(28.0785, 0.4346, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	DB707B
RGB	219, 112, 123
RGB Percent	86%, 44%, 48%
CMY	0.1410, 0.5609, 0.5176
CMYK	0.00, 0.49, 0.44, 0.14
HSL	354°, 60%, 65%
HSV	354°, 49%, 86%
XYZ	38.5924, 28.0785, 22.1289
YIQ	145.2470, 60.2410, 26.1050

Conversions

Conversions Part 2

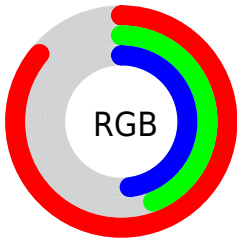
Format	Color
RYB	219, 112, 123
Decimal	14381179
CIELab	59.96, 42.83, 13.38
CIELCh	60, 44.875, 17.343
Yxy	28.0785, 0.4346, 0.3162
Android (android.graphics.Color)	4292571259 (0xFFDB707B)
YUV	145.2470, -10.9678, 64.6814
Hunter-Lab	52.9891, 37.2719, 12.3322

Details

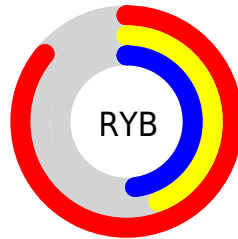
The Yxy color **28.0785, 0.4346, 0.3162** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **58.6814, 0.2541, 0.3436**, and the grayscale version is **28.4475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6276, 0.3878, 0.3197**, and **11.1997, 0.4783, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **23.3776, 0.4758, 0.3146**, and if you desaturate by 10%, it is **34.0565, 0.3991, 0.3186**.

Distribution



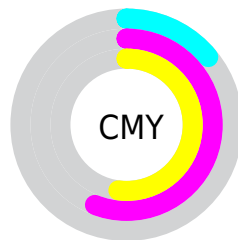
- Red (86%)
- Green (44%)
- Blue (48%)



- Red (86%)
- Yellow (44%)
- Blue (48%)



- Cyan (0%)
- Magenta (49%)
- Yellow (44%)
- Black (14%)




- Cyan (14%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.0785, 0.4346, 0.3162 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 28.0785, 0.4346, 0.3162 by changing the saturation by 10% instead.


 28.0785, 0.4346,
0.3162


 28.0785, 0.4346,
0.3162


292.8418, 0.3680,
0.3252


 18.3848, 0.4531,
0.3129


 56.6097, 0.4090,
0.3202

 11.2266, 0.4779,
0.3079


 76.2161, 0.3999,
0.3215

 6.2195, 0.5127,
0.2998

 99.8955, 0.3923,
0.3225

 2.9790, 0.5644,
0.2856

 128.0324, 0.3859,
0.3233

 1.1208, 0.6702,
0.2667

161.0110, 0.3804,
0.3239

 0.0000, 1.0000,
0.0000

199.2159, 0.3757,

 0.0000, 0.0000,

0.3244

0.0000

243.0314, 0.3716,
0.3249

■ 28.0785, 0.4346,
0.3162

■ 28.0785, 0.4346,
0.3162

■ 23.3776, 0.4758,
0.3146

■ 34.0565, 0.3991,
0.3186

■ 19.8567, 0.5206,
0.3143

■ 41.3906, 0.3697,
0.3213

■ 17.4121, 0.5648,
0.3158


■ 50.1588, 0.3458,
0.3241


■ 15.9196, 0.6022,
0.3193

■ 60.4318, 0.3266,
0.3268

■ 15.1889, 0.6274,
0.3238

■ 72.2755, 0.3111,
0.3293

 15.1265, 0.6295,
0.3242

 85.7520, 0.2987,
0.3316

 93.8063, 0.2912,
0.3289

Harmonies

Analogous

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



28.0785, 0.3705, 0.2675



28.0785, 0.4346, 0.3162



28.0785, 0.4601, 0.3709

Triad

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



28.0785, 0.4346, 0.3162



28.0785, 0.3164, 0.4579



28.0785, 0.1947, 0.2245

Complementary

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



28.0785, 0.4346, 0.3162



58.6814, 0.2541, 0.3436

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.



28.0785, 0.1845, 0.2600



28.0785, 0.4346, 0.3162



28.0785, 0.2492, 0.4033

Square

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



28.0785, 0.4346, 0.3162



28.0785, 0.3864, 0.4607



28.0785, 0.2025, 0.3245



28.0785, 0.2322, 0.2166

Rectangle

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



28.0785, 0.4346, 0.3162



28.0785, 0.4514, 0.4070



28.0785, 0.2025, 0.3245



28.0785, 0.1883, 0.2331

Sweetspot

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



28.0799, 0.4346, 0.3162



75.9610, 0.3381, 0.3251



29.9004, 0.3056, 0.2068



15.6220, 0.3424, 0.3245



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.



28.0799, 0.4346, 0.3162



32.6292, 0.4785, 0.3145



39.0239, 0.4222, 0.3784



13.0732, 0.3275, 0.3266



8.9732, 0.6274, 0.3230



0.5889, 0.5961, 0.3057

Inverse Universe

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



28.0799, 0.4346, 0.3162



32.6292, 0.4785, 0.3145



40.4003, 0.2379, 0.2716



13.0732, 0.3275, 0.3266



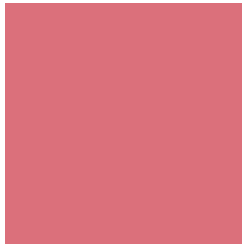
8.9732, 0.6274, 0.3230



0.5889, 0.5961, 0.3057

Previews

White Background



This preview shows how the Yxy color 28.0785, 0.4346, 0.3162 looks on a white background.

Color Contrast Check

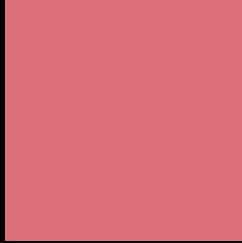
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0785, 0.4346, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

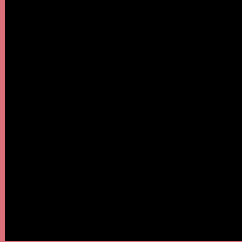
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0785, 0.4346, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 28.0785, 0.4346, 0.3162.



This preview shows how white text looks on a background with the Yxy color 28.0785, 0.4346, 0.3162.

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

28.0785, 0.4346, 0.3162

Protanopia

28.2295, 0.3220, 0.3354

Deuteranopia

28.0981, 0.3683, 0.3611



Tritanopia

28.0045, 0.4386, 0.3199

Trichromacy



Original Color

28.0785, 0.4346, 0.3162

Protanomaly

27.2224, 0.3596, 0.3262

Deuteranomaly

27.6214, 0.3928, 0.3419

Tritanomaly

28.0289, 0.4372, 0.3187

Monochromacy



Original Color

28.0785, 0.4346, 0.3162

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3519, 0.3535, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0785, 0.4346, 0.3162 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(219, 112, 123)` looks like.

```
.text, #text, p{  
    color:rgb(219, 112, 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(219, 112, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 112, 123) }
```

Border

The CSS property to change the border of an element to Yxy 28.0785, 0.4346, 0.3162 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(219, 112, 123) }
```

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

```
.border{ border-color:rgb(219, 112, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 112, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 112, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 112, 123);  
box-shadow:4px 4px 4px 4px rgb(219, 112,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0785, 0.4346, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 112, 123) }
```

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

```
.background{ background-color: rgb(219,  
112, 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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