

Converting Colors

$Y_{xy}(26.4096, 0.4446, 0.3265)$

Have a look what the booklet for
Yxy(26.4096, 0.4446, 0.3265)
contains.

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Color

Yxy(26.4678, 0.4440, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	D56E70
RGB	213, 110, 112
RGB Percent	84%, 43%, 44%
CMY	0.1647, 0.5686, 0.5609
CMYK	0.00, 0.48, 0.47, 0.16
HSL	359°, 55%, 63%
HSV	359°, 48%, 84%
XYZ	35.9379, 26.4678, 18.5356
YIQ	141.0250, 60.7460, 22.4580

Conversions

Conversions Part 2

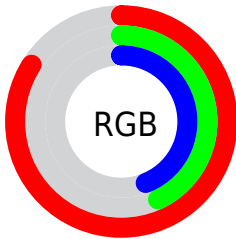
Format	Color
R _Y B	213, 110, 112
Decimal	13987440
CIE Lab	58.48, 40.53, 17.57
CIE LCh	58, 44.171, 23.435
Yxy	26.4678, 0.4440, 0.3270
Android (android.graphics.Color)	4292177520 (0xFFD56E70)
YUV	141.0250, -14.3093, 63.1221
Hunter-Lab	51.4469, 34.6582, 14.6515

Details

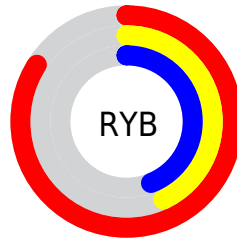
The Yxy color **26.4678, 0.4440, 0.3270** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **55.6047, 0.2503, 0.3315**, and the grayscale version is **26.6864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.4913, 0.3992, 0.3293**, and **10.2663, 0.4922, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **21.9991, 0.4885, 0.3269**, and if you desaturate by 10%, it is **32.1517, 0.4054, 0.3273**.

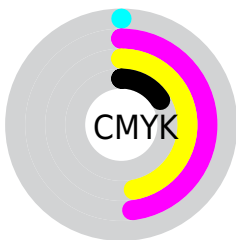
Distribution



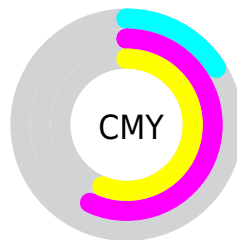
- Red (84%)
- Green (43%)
- Blue (44%)



- Red (84%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (47%)
- Black (16%)




- Cyan (16%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4678, 0.4440, 0.3270 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 26.4678, 0.4440, 0.3270 by changing the saturation by 10% instead.

 26.4678, 0.4440,
0.3270


 26.4678, 0.4440,
0.3270


285.0710, 0.3716,
0.3309


 17.1739, 0.4643,
0.3247


 54.0287, 0.4161,
0.3293

 10.3586, 0.4916,
0.3208


 73.0645, 0.4061,
0.3299

 5.6373, 0.5299,
0.3136

 96.1163, 0.3978,
0.3303

 2.6258, 0.5866,
0.2994

 123.5687, 0.3909,
0.3305

 0.9397, 0.7159,
0.2841

155.8060, 0.3850,
0.3307

 0.0000, 1.0000,
0.0000


193.2125, 0.3799,


 0.0000, 0.0000,


0.3308


0.0000

236.1727, 0.3755,
0.3309


 26.4678, 0.4440,
0.3270


 26.4678, 0.4440,
0.3270

 21.9991, 0.4885,
0.3269


 32.1517, 0.4054,
0.3273


 18.6534, 0.5361,
0.3270


 39.1260, 0.3734,
0.3278

 16.3322, 0.5811,
0.3275


 47.4647, 0.3475,
0.3282


 14.9181, 0.6161,
0.3283


 57.2349, 0.3268,
0.3286

 14.2376, 0.6360,
0.3291

 68.4995, 0.3102,
0.3291

 14.1536, 0.6384,
0.3290

 81.3174, 0.2969,
0.3295

 92.8848, 0.2877,
0.3289

Harmonies

Analogous

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



26.4678, 0.3858, 0.2764



26.4678, 0.4440, 0.3270



26.4678, 0.4601, 0.3822

Triad

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



26.4678, 0.4440, 0.3270



26.4678, 0.3018, 0.4512



26.4678, 0.1998, 0.2204

Complementary

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



26.4678, 0.4440, 0.3270



55.6047, 0.2503, 0.3315

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.



26.4678, 0.1839, 0.2501



26.4678, 0.4440, 0.3270



26.4678, 0.2373, 0.3881

Square

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



26.4678, 0.4440, 0.3270



26.4678, 0.3731, 0.4647



26.4678, 0.1961, 0.3092



26.4678, 0.2427, 0.2176

Rectangle

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



26.4678, 0.4440, 0.3270



26.4678, 0.4455, 0.4176



26.4678, 0.1961, 0.3092



26.4678, 0.1915, 0.2271

Sweetspot

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



26.4692, 0.4440, 0.3270



75.7915, 0.3404, 0.3283



29.5957, 0.3146, 0.2114



15.5819, 0.3451, 0.3283



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.



26.4692, 0.4440, 0.3270



32.9201, 0.4897, 0.3269



39.7487, 0.4148, 0.3881



12.4246, 0.3288, 0.3286



8.6482, 0.6379, 0.3288



0.5230, 0.6309, 0.3249

Inverse Universe

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



26.4692, 0.4440, 0.3270



32.9201, 0.4897, 0.3269



35.0067, 0.2363, 0.2595



12.4246, 0.3288, 0.3286



8.6482, 0.6379, 0.3288



0.5230, 0.6309, 0.3249

Previews

White Background



This preview shows how the Yxy color 26.4678, 0.4440, 0.3270 looks on a white background.

Color Contrast Check

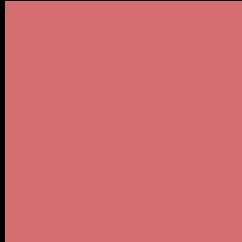
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4678, 0.4440, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

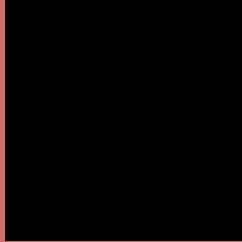
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4678, 0.4440, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 26.4678, 0.4440, 0.3270.



This preview shows how white text looks on a background with the Yxy color 26.4678, 0.4440, 0.3270.

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

26.4678, 0.4440, 0.3270

Protanopia

26.7851, 0.3337, 0.3520

Deuteranopia

26.5176, 0.3790, 0.3709



Tritanopia

26.3678, 0.4378, 0.3196

Trichromacy



Original Color

26.4678, 0.4440, 0.3270

Protanomaly

26.0283, 0.3710, 0.3413

Deuteranomaly

26.0931, 0.4032, 0.3537

Tritanomaly

26.3212, 0.4405, 0.3221

Monochromacy



Original Color

26.4678, 0.4440, 0.3270

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7925, 0.3566, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4678, 0.4440, 0.3270 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(213, 110, 112)` looks like.

```
.text, #text, p{  
    color:rgb(213, 110, 112)  
}
```

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(213, 110, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 110, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.4678, 0.4440, 0.3270 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(213, 110, 112) }
```

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

```
.border{ border-color:rgb(213, 110, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 110, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 110, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 110, 112);  
box-shadow:4px 4px 4px 4px rgb(213, 110,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4678, 0.4440, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 110, 112) }
```

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

```
.background{ background-color: rgb(213,  
110, 112) }
```

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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