

Converting Colors

$Y_{xy}(28.0361, 0.4435, 0.3358)$

Have a look what the booklet for
Yxy(28.0361, 0.4435, 0.3358)
contains.

Yxy(28.0856, 0.4436, 0.3354)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.0856, 0.4436, 0.3354)

Conversions

Conversions Part 1

Format	Color
Hex	D7746F
RGB	215, 116, 111
RGB Percent	84%, 45%, 44%
CMY	0.1567, 0.5452, 0.5647
CMYK	0.00, 0.46, 0.48, 0.16
HSL	3°, 57%, 64%
HSV	3°, 48%, 84%
XYZ	37.1460, 28.0856, 18.5060
YIQ	145.0310, 60.6090, 19.4330

Conversions

Conversions Part 2

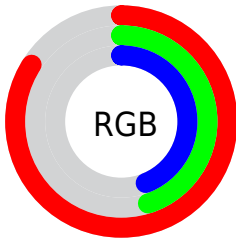
Format	Color
R _Y B	215, 116, 111
Decimal	14120047
CIE Lab	59.97, 38.12, 20.19
CIE LCh	60, 43.139, 27.907
Yxy	28.0856, 0.4436, 0.3354
Android (android.graphics.Color)	4292310127 (0xFFD7746F)
YUV	145.0310, -16.7773, 61.3628
Hunter-Lab	52.9958, 32.3720, 16.3932

Details

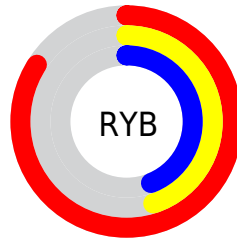
The Yxy color **28.0856, 0.4436, 0.3354** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.4099, 0.2480, 0.3221**, and the grayscale version is **28.3799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6538, 0.3978, 0.3366**, and **11.2074, 0.4895, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **23.4581, 0.4874, 0.3363**, and if you desaturate by 10%, it is **33.8701, 0.4055, 0.3342**.

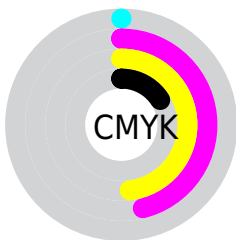
Distribution



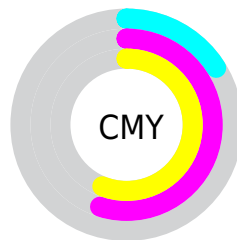
- Red (84%)
- Green (45%)
- Blue (44%)



- Red (84%)
- Yellow (45%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (48%)
- Black (16%)



- Cyan (16%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0856, 0.4436, 0.3354 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 28.0856, 0.4436, 0.3354 by changing the saturation by 10% instead.


 28.0856, 0.4436,
0.3354


 28.0856, 0.4436,
0.3354


292.8757, 0.3721,
0.3350


 18.3902, 0.4633,
0.3342


 56.6211, 0.4162,
0.3361


 11.2305, 0.4897,
0.3317


 76.2299, 0.4063,
0.3361

 6.2221, 0.5263,
0.3266

 99.9121, 0.3982,
0.3360

 2.9806, 0.5795,
0.3152

 128.0519, 0.3913,
0.3358

 1.1216, 0.6961,
0.3039

161.0338, 0.3854,
0.3356

 0.0000, 1.0000,
0.0000

199.2421, 0.3804,


 0.0000, 0.0000,


0.3354


0.0000


243.0613, 0.3760,
0.3352

 28.0856, 0.4436,
0.3354


 28.0856, 0.4436,
0.3354


 23.4581, 0.4874,
0.3363


 33.8701, 0.4055,
0.3342


 19.9059, 0.5342,
0.3365


 40.8776, 0.3738,
0.3328


 17.3436, 0.5787,
0.3359

 49.1743, 0.3479,
0.3314

 15.6706, 0.6140,
0.3343


 58.8202, 0.3270,
0.3300

 14.7629, 0.6348,
0.3323

 69.8717, 0.3102,
0.3288

 14.6746, 0.6372,
0.3322

 82.3821, 0.2967,
0.3277

 93.1915, 0.2889,
0.3289

Harmonies

Analogous

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



28.0856, 0.3929, 0.2852



28.0856, 0.4436, 0.3354



28.0856, 0.4526, 0.3887

Triad

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



28.0856, 0.4436, 0.3354



28.0856, 0.2926, 0.4390



28.0856, 0.2085, 0.2225

Complementary

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



28.0856, 0.4436, 0.3354



54.4099, 0.2480, 0.3221

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.



28.0856, 0.1891, 0.2474



28.0856, 0.4436, 0.3354



28.0856, 0.2329, 0.3742

Square

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



28.0856, 0.4436, 0.3354



28.0856, 0.3613, 0.4601



28.0856, 0.1969, 0.3003



28.0856, 0.2538, 0.2232

Rectangle

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



28.0856, 0.4436, 0.3354



28.0856, 0.4351, 0.4218



28.0856, 0.1969, 0.3003



28.0856, 0.1991, 0.2278

Sweetspot

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



28.0870, 0.4436, 0.3354



76.7000, 0.3407, 0.3309



30.5549, 0.3217, 0.2158



15.7967, 0.3454, 0.3312



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.



28.0870, 0.4436, 0.3354



34.3965, 0.4882, 0.3363



43.0500, 0.4106, 0.3961



12.5150, 0.3290, 0.3302



8.8184, 0.6363, 0.3330



0.5662, 0.6247, 0.3422

Inverse Universe

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



54.4099, 0.2480, 0.3221



77.4442, 0.2387, 0.3205



33.2757, 0.2343, 0.2489



14.0013, 0.2983, 0.3278



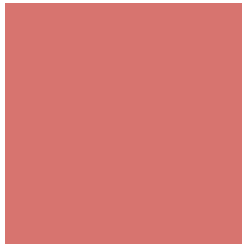
29.0168, 0.2206, 0.3141



1.7822, 0.2214, 0.3168

Previews

White Background



This preview shows how the Yxy color 28.0856, 0.4436, 0.3354 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 28.0856, 0.4436, 0.3354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

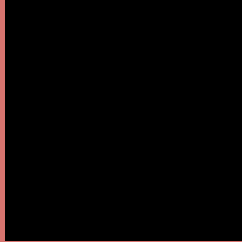
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0856, 0.4436, 0.3354

Background



This preview shows how black text looks on a background with the Yxy color 28.0856, 0.4436, 0.3354.



This preview shows how white text looks on a background with the Yxy color 28.0856, 0.4436, 0.3354.

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

28.0856, 0.4436, 0.3354

Protanopia

28.4069, 0.3404, 0.3612

Deuteranopia

28.1847, 0.3839, 0.3773



Tritanopia

28.0387, 0.4315, 0.3196

Trichromacy



Original Color

28.0856, 0.4436, 0.3354

Protanomaly

27.5202, 0.3763, 0.3500

Deuteranomaly

27.8801, 0.4061, 0.3615

Tritanomaly

28.1684, 0.4362, 0.3257

Monochromacy



Original Color

28.0856, 0.4436, 0.3354

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.2897, 0.3554, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0856, 0.4436, 0.3354 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, 116, 111)` looks like.

```
.text, #text, p{  
    color:rgb(215, 116, 111)  
}
```

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, 116, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 116, 111) }
```

Border

The CSS property to change the border of an element to Yxy 28.0856, 0.4436, 0.3354 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, 116, 111) }
```

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

```
.border{ border-color:rgb(215, 116, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 116, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 116, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 116, 111);  
box-shadow:4px 4px 4px 4px rgb(215, 116,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0856, 0.4436, 0.3354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 116, 111) }
```

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

```
.background{ background-color: rgb(215,  
116, 111) }
```

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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