

Converting Colors

$Y_{xy}(27.7452, 0.4350, 0.3238)$

Have a look what the booklet for
Yxy(27.7452, 0.4350, 0.3238)
contains.

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Color

Yxy(27.7897, 0.4357, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D77276
RGB	215, 114, 118
RGB Percent	84%, 45%, 46%
CMY	0.1568, 0.5529, 0.5373
CMYK	0.00, 0.47, 0.45, 0.16
HSL	358°, 56%, 65%
HSV	358°, 47%, 84%
XYZ	37.3127, 27.7897, 20.5361
YIQ	144.6550, 58.9120, 22.6560

Conversions

Conversions Part 2

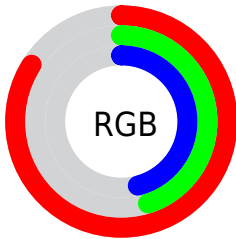
Format	Color
R _Y B	215, 114, 118
Decimal	14119542
CIE Lab	59.70, 39.82, 15.82
CIE LCh	60, 42.849, 21.664
Yxy	27.7897, 0.4357, 0.3245
Android (android.graphics.Color)	4292309622 (0xFFD77276)
YUV	144.6550, -13.1409, 61.6926
Hunter-Lab	52.7159, 34.0906, 13.8040

Details

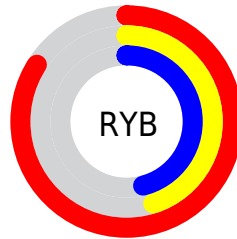
The Yxy color **27.7897, 0.4357, 0.3245** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **56.8847, 0.2526, 0.3342**, and the grayscale version is **28.2052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1675, 0.3919, 0.3271**, and **11.1653, 0.4794, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **23.0591, 0.4787, 0.3240**, and if you desaturate by 10%, it is **33.7705, 0.3988, 0.3254**.

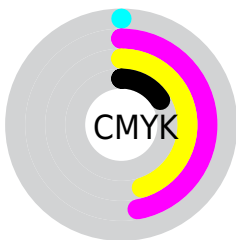
Distribution



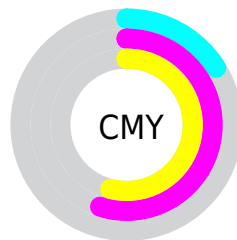
- Red (84%)
- Green (45%)
- Blue (46%)



- Red (84%)
- Yellow (45%)
- Blue (46%)



- Cyan (0%)
- Magenta (47%)
- Yellow (45%)
- Black (16%)





- Cyan (16%)
- Magenta (55%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7897, 0.4357, 0.3245 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 27.7897, 0.4357, 0.3245 by changing the saturation by 10% instead.


 27.7897, 0.4357,
0.3245


 27.7897, 0.4357,
0.3245


291.4607, 0.3684,
0.3293


 18.1672, 0.4544,
0.3222


 56.1485, 0.4098,
0.3270

 11.0701, 0.4796,
0.3184


 75.6536, 0.4005,
0.3277

 6.1140, 0.5149,
0.3118

 99.2217, 0.3928,
0.3282

 2.9145, 0.5672,
0.2992

127.2371, 0.3864,
0.3286

 1.0873, 0.6930,
0.2902

160.0844, 0.3809,
0.3289

 0.0000, 1.0000,
0.0000

198.1478, 0.3761,

 0.0000, 0.0000,


0.3291

0.0000


241.8117, 0.3720,
0.3292


 27.7897, 0.4357,
0.3245


 27.7897, 0.4357,
0.3245


 23.0591, 0.4787,
0.3240


 33.7705, 0.3988,
0.3254


 19.4862, 0.5254,
0.3239

 41.0767, 0.3684,
0.3264


 16.9727, 0.5711,
0.3246

 49.7830, 0.3438,
0.3274

 15.4021, 0.6087,
0.3261


 59.9569, 0.3241,
0.3284

 14.6227, 0.6321,
0.3280

 71.6619, 0.3083,
0.3293

 14.4665, 0.6366,
0.3281

 84.9574, 0.2957,
0.3301

 93.1879, 0.2889,
0.3289

Harmonies

Analogous

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



27.7897, 0.3785, 0.2760



27.7897, 0.4357, 0.3245



27.7897, 0.4540, 0.3777

Triad

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



27.7897, 0.4357, 0.3245



27.7897, 0.3068, 0.4473



27.7897, 0.2026, 0.2258

Complementary

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



27.7897, 0.4357, 0.3245



56.8847, 0.2526, 0.3342

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.



27.7897, 0.1888, 0.2563



27.7897, 0.4357, 0.3245



27.7897, 0.2439, 0.3896

Square

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



27.7897, 0.4357, 0.3245



27.7897, 0.3749, 0.4578



27.7897, 0.2024, 0.3147



27.7897, 0.2426, 0.2214

Rectangle

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



27.7897, 0.4357, 0.3245



27.7897, 0.4419, 0.4118



27.7897, 0.2024, 0.3147



27.7897, 0.1950, 0.2329

Sweetspot

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



27.7911, 0.4357, 0.3245



77.2848, 0.3377, 0.3277



30.6369, 0.3129, 0.2138



15.8774, 0.3423, 0.3274



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.



27.7911, 0.4357, 0.3245



34.1969, 0.4767, 0.3240



40.6155, 0.4122, 0.3845



12.4287, 0.3285, 0.3281



8.6559, 0.6355, 0.3274



0.5249, 0.6214, 0.3197

Inverse Universe

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



27.7911, 0.4357, 0.3245



34.1969, 0.4767, 0.3240



37.0668, 0.2388, 0.2643



12.4287, 0.3285, 0.3281



8.6559, 0.6355, 0.3274



0.5249, 0.6214, 0.3197

Previews

White Background



This preview shows how the Yxy color 27.7897, 0.4357, 0.3245 looks on a white background.

Color Contrast Check

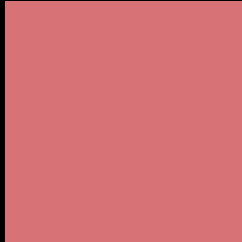
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7897, 0.4357, 0.3245 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 27.7897, 0.4357, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 27.7897, 0.4357, 0.3245.



This preview shows how white text looks on a background with the Yxy color 27.7897, 0.4357, 0.3245.

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

27.7897, 0.4357, 0.3245

Protanopia

28.1240, 0.3302, 0.3467

Deuteranopia

28.1152, 0.3739, 0.3671



Tritanopia

27.6625, 0.4310, 0.3184

Trichromacy



Original Color

27.7897, 0.4357, 0.3245

Protanomaly

27.3322, 0.3662, 0.3366

Deuteranomaly

27.6422, 0.3972, 0.3505

Tritanomaly

27.6378, 0.4323, 0.3196

Monochromacy



Original Color

27.7897, 0.4357, 0.3245

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3455, 0.3531, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7897, 0.4357, 0.3245 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, 114, 118)` looks like.

```
.text, #text, p{  
    color:rgb(215, 114, 118)  
}
```

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, 114, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 114, 118) }
```

Border

The CSS property to change the border of an element to Yxy 27.7897, 0.4357, 0.3245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

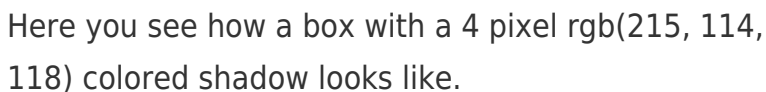
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 114, 118) }
```

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

```
.border{ border-color:rgb(215, 114, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 114, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 114, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 114, 118); box-shadow:4px 4px 4px 4px rgb(215, 114, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7897, 0.4357, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 114, 118) }
```

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

```
.background{ background-color: rgb(215,  
114, 118) }
```

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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