

Converting Colors

$Y_{xy}(17.2205, 0.4428, 0.2482)$

Have a look what the booklet for
Yxy(17.2205, 0.4428, 0.2482)
contains.

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Color

Yxy(17.2277, 0.4427, 0.2482)

Conversions

Conversions Part 1

Format	Color
Hex	CF347E
RGB	207, 52, 126
RGB Percent	81%, 20%, 49%
CMY	0.1882, 0.7961, 0.5058
CMYK	0.00, 0.75, 0.39, 0.19
HSL	331°, 62%, 51%
HSV	331°, 75%, 81%
XYZ	30.7281, 17.2277, 21.4548
YIQ	106.7810, 68.6260, 55.8740

Conversions

Conversions Part 2

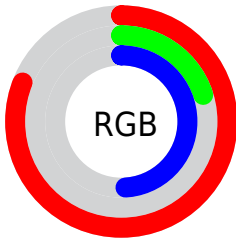
Format	Color
R_{YB}	207, 52, 126
Decimal	13579390
CIE _{Lab}	48.55, 64.95, -5.10
CIE _{LCh}	49, 65.150, 355.514
Yxy	17.2277, 0.4427, 0.2482
Android (android.graphics.Color)	4291769470 (0xFFCF347E)
YUV	106.7810, 9.4750, 87.8921
Hunter-Lab	41.5063, 59.5117, -1.5929

Details

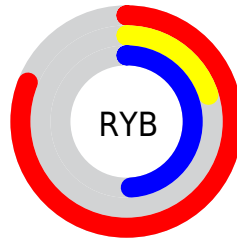
The Yxy color **17.2277, 0.4427, 0.2482** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **47.0493, 0.2668, 0.4490**, and the grayscale version is **14.5988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1030, 0.3998, 0.2616**, and **6.7389, 0.4823, 0.2430** is the 20% darker color. If you saturate the color by 10%, you get **15.5041, 0.4689, 0.2478**, and if you desaturate by 10%, it is **19.7929, 0.4174, 0.2534**.

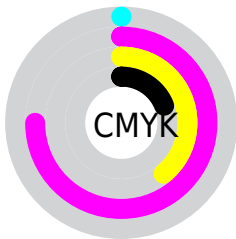
Distribution



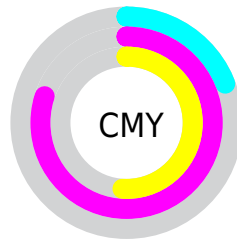
- Red (81%)
- Green (20%)
- Blue (49%)



- Red (81%)
- Yellow (20%)
- Blue (49%)



- Cyan (0%)
- Magenta (75%)
- Yellow (39%)
- Black (19%)




- Cyan (19%)
- Magenta (80%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.2277, 0.4427, 0.2482 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 17.2277, 0.4427, 0.2482 by changing the saturation by 10% instead.


 17.2277, 0.4427,
0.2482


 17.2277, 0.4427,
0.2482


236.4811, 0.3686,
0.2933


 10.3970, 0.4647,
0.2352


 38.7169, 0.4133,
0.2658


 5.6629, 0.4954,
0.2175


 54.1441, 0.4030,
0.2721


 2.6412, 0.5406,
0.1920

 73.2056, 0.3946,
0.2772

 0.9474, 0.6122,
0.1532

 96.2858, 0.3876,
0.2815

 0.0000, 0.8973,
0.0000

 123.7690, 0.3818,
0.2851

 0.0000, 1.0000,
0.0000

156.0397, 0.3767,

 0.0000, 0.0000,

0.2883

0.0000

193.4823, 0.3724,
0.2910

■ 17.2277, 0.4427,
0.2482

■ 17.2277, 0.4427,
0.2482

■ 15.5041, 0.4689,
0.2478

■ 19.7929, 0.4174,
0.2534

■ 14.5036, 0.4944,
0.2528

■ 23.2918, 0.3941,
0.2622

■ 14.1641, 0.5071,
0.2567

■ 27.8074, 0.3734,
0.2734

■ 33.4128, 0.3555,
0.2858

■ 40.1740, 0.3403,
0.2986

■ 48.1521, 0.3277,
0.3113

■ 57.4037, 0.3172,
0.3234

■ 67.9817, 0.3085,
0.3347

■ 79.9361, 0.3013,
0.3453

Harmonies

Analogous

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



17.2277, 0.3113, 0.1929



17.2277, 0.4427, 0.2482



17.2277, 0.5372, 0.3180

Triad

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



17.2277, 0.4427, 0.2482



17.2277, 0.3827, 0.5540



17.2277, 0.1200, 0.1935

Complementary

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



17.2277, 0.4427, 0.2482



47.0493, 0.2668, 0.4490

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.



17.2277, 0.1294, 0.2775



17.2277, 0.4427, 0.2482



17.2277, 0.2737, 0.5480

Square

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



17.2277, 0.4427, 0.2482



17.2277, 0.4820, 0.4802



17.2277, 0.1803, 0.4212



17.2277, 0.1445, 0.1607

Rectangle

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



17.2277, 0.4427, 0.2482



17.2277, 0.5524, 0.3684



17.2277, 0.1803, 0.4212



17.2277, 0.1192, 0.2147

Sweetspot

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



17.2287, 0.4427, 0.2482



67.5351, 0.3368, 0.3020



11.8731, 0.2341, 0.1262



13.7481, 0.3405, 0.2985



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.



17.2287, 0.4427, 0.2482



23.7293, 0.4849, 0.2502



16.2064, 0.5673, 0.3319



11.9009, 0.3217, 0.3179



8.9427, 0.5039, 0.2550



0.5160, 0.4616, 0.2316

Inverse Universe

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



17.2287, 0.4427, 0.2482



23.7293, 0.4849, 0.2502



48.6202, 0.2298, 0.3250



11.9009, 0.3217, 0.3179



8.9427, 0.5039, 0.2550



0.5160, 0.4616, 0.2316

Previews

White Background



This preview shows how the Yxy color 17.2277, 0.4427, 0.2482 looks on a white 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

Black Background



This preview shows how the Yxy color 17.2277, 0.4427, 0.2482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

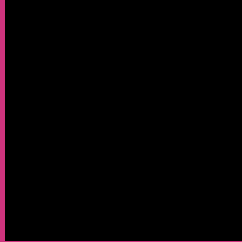
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2277, 0.4427, 0.2482

Background



This preview shows how black text looks on a background with the Yxy color 17.2277, 0.4427, 0.2482.



This preview shows how white text looks on a background with the Yxy color 17.2277, 0.4427, 0.2482.

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

17.2277, 0.4427, 0.2482

Protanopia

17.4971, 0.2449, 0.2360

Deuteranopia

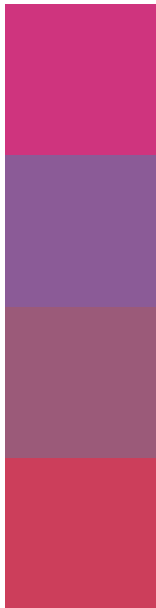
17.3320, 0.3239, 0.3177



Tritanopia

17.1658, 0.5265, 0.3254

Trichromacy



Original Color

17.2277, 0.4427, 0.2482

Protanomaly

15.2055, 0.3011, 0.2292

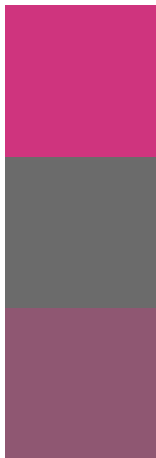
Deuteranomaly

15.6614, 0.3663, 0.2781

Tritanomaly

17.0379, 0.4982, 0.2977

Monochromacy



Original Color

17.2277, 0.4427, 0.2482

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

13.8709, 0.3605, 0.2813

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2277, 0.4427, 0.2482 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(207, 52, 126)` looks like.

```
.text, #text, p{  
    color:rgb(207, 52, 126)  
}
```

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(207, 52, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 52, 126) }
```

Border

The CSS property to change the border of an element to Yxy 17.2277, 0.4427, 0.2482 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(207, 52, 126) }
```

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

```
.border{ border-color:rgb(207, 52, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 52, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 52, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 52, 126);  
box-shadow:4px 4px 4px 4px rgb(207, 52,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2277, 0.4427, 0.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 52, 126) }
```

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

```
.background{ background-color: rgb(207, 52,  
126) }
```

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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