

Converting Colors

$Y_{xy}(14.2644, 0.4806, 0.2464)$

Have a look what the booklet for
Yxy(14.2644, 0.4806, 0.2464)
contains.

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Color

Yxy(14.2556, 0.4811, 0.2465)

Conversions

Conversions Part 1

Format	Color
Hex	CC0E6D
RGB	204, 14, 109
RGB Percent	80%, 5%, 43%
CMY	0.1999, 0.9454, 0.5725
CMYK	0.00, 0.93, 0.47, 0.20
HSL	330°, 87%, 43%
HSV	330°, 93%, 80%
XYZ	27.8230, 14.2556, 15.7535
YIQ	81.6400, 82.7450, 69.8250

Conversions

Conversions Part 2

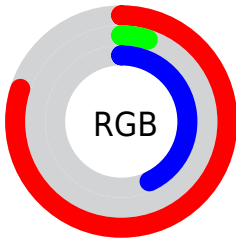
Format	Color
R_{YB}	204, 14, 109
Decimal	13373037
CIE _{Lab}	44.60, 70.79, -0.52
CIE _{LCh}	45, 70.797, 359.582
Yxy	14.2556, 0.4811, 0.2465
Android (android.graphics.Color)	4291563117 (0xFFCC0E6D)
YUV	81.6400, 13.4885, 107.3097
Hunter-Lab	37.7566, 65.4634, 1.6916

Details

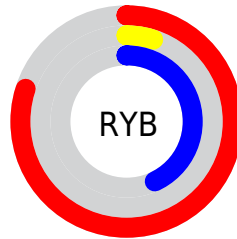
The Yxy color **14.2556, 0.4811, 0.2465** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **44.3903, 0.2706, 0.4897**, and the grayscale version is **8.3153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2802, 0.4306, 0.2624**, and **6.1874, 0.5192, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **13.8000, 0.4973, 0.2513**, and if you desaturate by 10%, it is **15.3401, 0.4567, 0.2430**.

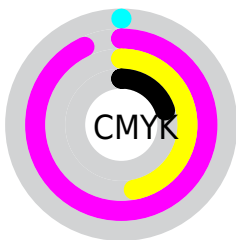
Distribution



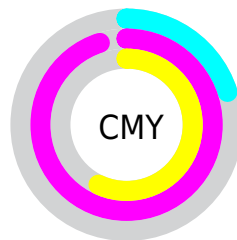
- Red (80%)
- Green (5%)
- Blue (43%)



- Red (80%)
- Yellow (5%)
- Blue (43%)



- Cyan (0%)
- Magenta (93%)
- Yellow (47%)
- Black (20%)




- Cyan (20%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2556, 0.4811, 0.2465 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 14.2556, 0.4811, 0.2465 by changing the saturation by 10% instead.


 14.2556, 0.4811,
0.2465

 14.2556, 0.4811,
0.2465


218.8152, 0.3823,
0.2948


 8.2987, 0.5117,
0.2316


 33.5419, 0.4411,
0.2660


 4.2866, 0.5548,
0.2107

 47.6400, 0.4273,
0.2727

 1.8352, 0.6192,
0.1795

 65.2206, 0.4162,
0.2782

 0.5089, 0.7376,
0.1215

 86.6681, 0.4070,
0.2827

 0.0000, 1.0000,
0.0000

 112.3670, 0.3993,
0.2864

 0.0000, 0.0000,
0.0000

 142.7015, 0.3928,

0.2897

178.0561, 0.3872,
0.2924

■ 14.2556, 0.4811,
0.2465

■ 14.2556, 0.4811,
0.2465

■ 13.8000, 0.4973,
0.2513

■ 15.3401, 0.4567,
0.2430

■ 17.1432, 0.4320,
0.2448

■ 19.7728, 0.4084,
0.2513

■ 23.3179, 0.3867,
0.2611

■ 27.8557, 0.3675,
0.2731

■ 33.4555, 0.3510,
0.2862

■ 40.1799, 0.3370,
0.2995

■ 48.0870, 0.3252,
0.3127

■ 57.2305, 0.3154,
0.3252

Harmonies

Analogous

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



14.2556, 0.3291, 0.1844



14.2556, 0.4811, 0.2465



14.2556, 0.5759, 0.3211

Triad

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



14.2556, 0.4811, 0.2465



14.2556, 0.3648, 0.5906



14.2556, 0.1027, 0.1683

Complementary

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



14.2556, 0.4811, 0.2465



44.3903, 0.2706, 0.4897

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.



14.2556, 0.1058, 0.2492



14.2556, 0.4811, 0.2465



14.2556, 0.2463, 0.5759

Square

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



14.2556, 0.4811, 0.2465



14.2556, 0.4814, 0.5035



14.2556, 0.1508, 0.4097



14.2556, 0.1333, 0.1411

Rectangle

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



14.2556, 0.4811, 0.2465



14.2556, 0.5789, 0.3748



14.2556, 0.1508, 0.4097



14.2556, 0.1000, 0.1878

Sweetspot

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



14.2564, 0.4811, 0.2465



60.5058, 0.3439, 0.2926



7.7253, 0.2060, 0.0937



11.9516, 0.3503, 0.2867



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.



14.2564, 0.4811, 0.2465



22.8062, 0.5001, 0.2528



13.1931, 0.6274, 0.3289



11.3057, 0.3213, 0.3175



8.7029, 0.4942, 0.2496



0.4643, 0.4514, 0.2260

Inverse Universe

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



14.2564, 0.4811, 0.2465



22.8062, 0.5001, 0.2528



47.4972, 0.2268, 0.3335



11.3057, 0.3213, 0.3175



8.7029, 0.4942, 0.2496



0.4643, 0.4514, 0.2260

Previews

White Background



This preview shows how the Yxy color 14.2556, 0.4811, 0.2465 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 14.2556, 0.4811, 0.2465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

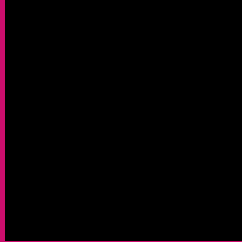
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2556, 0.4811, 0.2465

Background



This preview shows how black text looks on a background with the Yxy color 14.2556, 0.4811, 0.2465.



This preview shows how white text looks on a background with the Yxy color 14.2556, 0.4811, 0.2465.

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

14.2556, 0.4811, 0.2465

Protanopia

14.6771, 0.2407, 0.2314

Deuteranopia

14.6137, 0.3416, 0.3352



Tritanopia

14.4837, 0.5806, 0.3298

Trichromacy



Original Color

14.2556, 0.4811, 0.2465

Protanomaly

11.3241, 0.3059, 0.2120

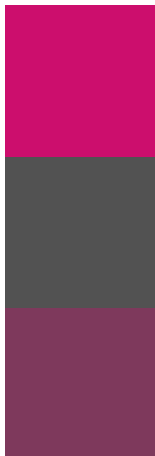
Deuteranomaly

12.0651, 0.3990, 0.2757

Tritanomaly

14.1180, 0.5536, 0.3009

Monochromacy



Original Color

14.2556, 0.4811, 0.2465

Achromatopsia

8.4376, 0.3127, 0.3290

Achromatomaly

8.1346, 0.3846, 0.2608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2556, 0.4811, 0.2465 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(204, 14, 109)` looks like.

```
.text, #text, p{  
    color:rgb(204, 14, 109)  
}
```

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(204, 14, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 14, 109) }
```

Border

The CSS property to change the border of an element to Yxy 14.2556, 0.4811, 0.2465 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(204, 14, 109) }
```

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

```
.border{ border-color:rgb(204, 14, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 14, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 14, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 14, 109);  
box-shadow:4px 4px 4px 4px rgb(204, 14,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2556, 0.4811, 0.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 14, 109) }
```

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

```
.background{ background-color: rgb(204, 14,  
109) }
```

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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