

Converting Colors

$Y_{xy}(15.6459, 0.5001, 0.2592)$

Have a look what the booklet for
Yxy(15.6459, 0.5001, 0.2592)
contains.

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Color

Yxy(15.6459, 0.5001, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	D51468
RGB	213, 20, 104
RGB Percent	84%, 8%, 41%
CMY	0.1648, 0.9213, 0.5921
CMYK	0.00, 0.91, 0.51, 0.16
HSL	334°, 83%, 46%
HSV	334°, 91%, 84%
XYZ	30.1872, 15.6459, 14.5292
YIQ	87.2830, 88.0640, 67.0400

Conversions

Conversions Part 2

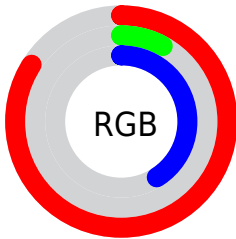
Format	Color
R _Y B	213, 20, 104
Decimal	13964392
CIE Lab	46.51, 71.71, 5.57
CIE LCh	47, 71.930, 4.440
Yxy	15.6459, 0.5001, 0.2592
Android (android.graphics.Color)	4292154472 (0xFFD51468)
YUV	87.2830, 8.2415, 110.2538
Hunter-Lab	39.5549, 67.0050, 5.9102

Details

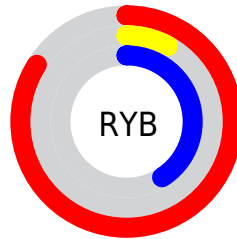
The Yxy color **15.6459, 0.5001, 0.2592** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **49.3176, 0.2641, 0.4644**, and the grayscale version is **9.5718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.8110, 0.4361, 0.2707**, and **6.8848, 0.5404, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **14.9287, 0.5255, 0.2669**, and if you desaturate by 10%, it is **17.0179, 0.4716, 0.2556**.

Distribution



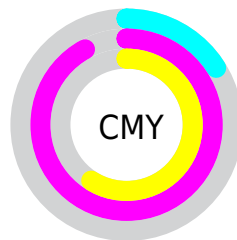
- Red (84%)
- Green (8%)
- Blue (41%)



- Red (84%)
- Yellow (8%)
- Blue (41%)



- Cyan (0%)
- Magenta (91%)
- Yellow (51%)
- Black (16%)




- Cyan (16%)
- Magenta (92%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6459, 0.5001, 0.2592 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 15.6459, 0.5001, 0.2592 by changing the saturation by 10% instead.


 15.6459, 0.5001,
0.2592


 15.6459, 0.5001,
0.2592


227.2431, 0.3908,
0.3014


 9.2739, 0.5332,
0.2457


 35.9824, 0.4562,
0.2766


 4.9203, 0.5794,
0.2263

 50.7157, 0.4410,
0.2825


 2.2006, 0.6465,
0.1969

 69.0049, 0.4287,
0.2872

 0.7203, 0.7661,
0.1511

 91.2343, 0.4185,
0.2911

 0.0000, 1.0000,
0.0000

 117.7885, 0.4099,
0.2943

 0.0000, 0.0000,
0.0000

 149.0518, 0.4026,

0.2970

185.4085, 0.3963,
0.2994

■ 15.6459, 0.5001,
0.2592

■ 15.6459, 0.5001,
0.2592

■ 14.9287, 0.5255,
0.2669

■ 17.0179, 0.4716,
0.2556

■ 19.2234, 0.4429,
0.2572


■ 22.3767, 0.4157,
0.2632


■ 26.5736, 0.3911,
0.2721

■ 31.8978, 0.3697,
0.2829

 38.4245, 0.3515,
0.2945

 46.2222, 0.3363,
0.3062

 55.3545, 0.3237,
0.3176

 65.8805, 0.3133,
0.3284

Harmonies

Analogous

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



15.6459, 0.3531, 0.1945



15.6459, 0.5001, 0.2592



15.6459, 0.5776, 0.3345

Triad

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



15.6459, 0.5001, 0.2592



15.6459, 0.3461, 0.5950



15.6459, 0.1073, 0.1630

Complementary

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



15.6459, 0.5001, 0.2592



49.3176, 0.2641, 0.4644

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.



15.6459, 0.1049, 0.2327



15.6459, 0.5001, 0.2592



15.6459, 0.2299, 0.5528

Square

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



15.6459, 0.5001, 0.2592



15.6459, 0.4624, 0.5180



15.6459, 0.1422, 0.3785



15.6459, 0.1435, 0.1420

Rectangle

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



15.6459, 0.5001, 0.2592



15.6459, 0.5704, 0.3892



15.6459, 0.1422, 0.3785



15.6459, 0.1028, 0.1794

Sweetspot

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



15.6468, 0.5001, 0.2592



61.4045, 0.3462, 0.2984



9.7554, 0.2214, 0.1034



12.3271, 0.3518, 0.2943



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.



15.6468, 0.5001, 0.2592



22.4067, 0.5280, 0.2682



15.1093, 0.6195, 0.3340



12.5097, 0.3224, 0.3189



9.1401, 0.5220, 0.2649



0.5677, 0.4787, 0.2411

Inverse Universe

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



15.6468, 0.5001, 0.2592



22.4067, 0.5280, 0.2682



47.8261, 0.2220, 0.3147



12.5097, 0.3224, 0.3189



9.1401, 0.5220, 0.2649



0.5677, 0.4787, 0.2411

Previews

White Background



This preview shows how the Yxy color 15.6459, 0.5001, 0.2592 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 15.6459, 0.5001, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

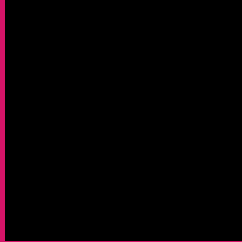
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6459, 0.5001, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 15.6459, 0.5001, 0.2592.



This preview shows how white text looks on a background with the Yxy color 15.6459, 0.5001, 0.2592.

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

15.6459, 0.5001, 0.2592

Protanopia

16.0885, 0.2593, 0.2548

Deuteranopia

15.9308, 0.3589, 0.3524



Tritanopia

15.6925, 0.5862, 0.3291

Trichromacy



Original Color

15.6459, 0.5001, 0.2592



Protanomaly

12.7520, 0.3311, 0.2340



Deuteranomaly

13.2849, 0.4187, 0.2925



Tritanomaly

15.4443, 0.5630, 0.3057

Monochromacy



Original Color

15.6459, 0.5001, 0.2592



Achromatopsia

9.5307, 0.3127, 0.3290



Achromatomaly

9.3319, 0.3925, 0.2728

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6459, 0.5001, 0.2592 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, 20, 104)` looks like.

```
.text, #text, p{  
    color:rgb(213, 20, 104)  
}
```

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, 20, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 20, 104) }
```

Border

The CSS property to change the border of an element to Yxy 15.6459, 0.5001, 0.2592 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, 20, 104) }
```

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

```
.border{ border-color:rgb(213, 20, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 20, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 20, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 20, 104);  
box-shadow:4px 4px 4px 4px rgb(213, 20,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6459, 0.5001, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 20, 104) }
```

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

```
.background{ background-color: rgb(213, 20,  
104) }
```

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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