

Converting Colors

$Y_{xy}(15.9303, 0.5054, 0.2584)$

Have a look what the booklet for
Yxy(15.9303, 0.5054, 0.2584)
contains.

Yxy(15.9683, 0.5058, 0.2587)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.9683, 0.5058, 0.2587)

Conversions

Conversions Part 1

Format	Color
Hex	D90A68
RGB	217, 10, 104
RGB Percent	85%, 4%, 41%
CMY	0.1491, 0.9603, 0.5921
CMYK	0.00, 0.95, 0.52, 0.15
HSL	333°, 91%, 45%
HSV	333°, 95%, 85%
XYZ	31.2206, 15.9683, 14.5363
YIQ	82.6090, 93.1980, 73.1180

Conversions

Conversions Part 2

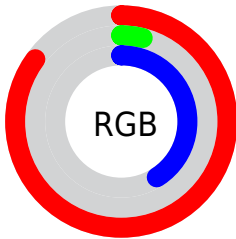
Format	Color
R_{YB}	217, 10, 104
Decimal	14223976
CIE _{Lab}	46.93, 73.73, 6.29
CIE _{LCh}	47, 73.993, 4.874
Yxy	15.9683, 0.5058, 0.2587
Android (android.graphics.Color)	4292414056 (0xFFD90A68)
YUV	82.6090, 10.5458, 117.8609
Hunter-Lab	39.9604, 69.5295, 6.4045

Details

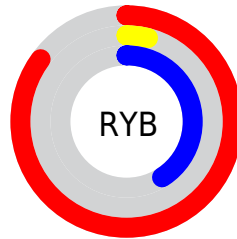
The Yxy color **15.9683, 0.5058, 0.2587** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **51.1176, 0.2671, 0.4788**, and the grayscale version is **8.5445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.4553, 0.4368, 0.2690**, and **7.2741, 0.5449, 0.2775** is the 20% darker color. If you saturate the color by 10%, you get **15.6411, 0.5179, 0.2627**, and if you desaturate by 10%, it is **17.0307, 0.4790, 0.2528**.

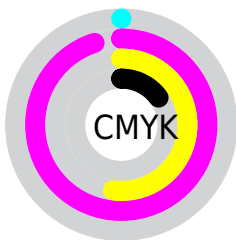
Distribution



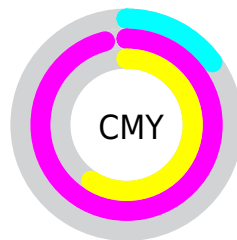
- Red (85%)
- Green (4%)
- Blue (41%)



- Red (85%)
- Yellow (4%)
- Blue (41%)



- Cyan (0%)
- Magenta (95%)
- Yellow (52%)
- Black (15%)





- Cyan (15%)
- Magenta (96%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9683, 0.5058, 0.2587 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 15.9683, 0.5058, 0.2587 by changing the saturation by 10% instead.


 15.9683, 0.5058,
0.2587


 15.9683, 0.5058,
0.2587


229.1546, 0.3936,
0.3013


 9.5017, 0.5395,
0.2451


 36.5432, 0.4609,
0.2763


 5.0699, 0.5863,
0.2256

 51.4202, 0.4453,
0.2822

 2.2883, 0.6537,
0.1961

 69.8696, 0.4326,
0.2870

 0.7675, 0.7706,
0.1513

 92.2757, 0.4221,
0.2909

 0.0000, 1.0000,
0.0000

 119.0228, 0.4133,
0.2941

 0.0000, 0.0000,
0.0000

 150.4954, 0.4057,

0.2969

187.0779, 0.3992,
0.2992

■ 15.9683, 0.5058,
0.2587

■ 15.9683, 0.5058,
0.2587

■ 15.6411, 0.5179,
0.2627

■ 17.0307, 0.4790,
0.2528

■ 18.8940, 0.4513,
0.2524

■ 21.6912, 0.4243,
0.2568

■ 25.5303, 0.3994,
0.2649

■ 30.5042, 0.3774,
0.2754

■ 36.6954, 0.3583,
0.2872

■ 44.1788, 0.3423,
0.2994

■ 53.0231, 0.3289,
0.3115

■ 63.2921, 0.3178,
0.3231

Harmonies

Analogous

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



15.9683, 0.3559, 0.1931



15.9683, 0.5058, 0.2587



15.9683, 0.5828, 0.3345

Triad

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



15.9683, 0.5058, 0.2587



15.9683, 0.3433, 0.6007



15.9683, 0.1049, 0.1596

Complementary

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



15.9683, 0.5058, 0.2587



51.1176, 0.2671, 0.4788

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.



15.9683, 0.1018, 0.2289



15.9683, 0.5058, 0.2587



15.9683, 0.2259, 0.5567

Square

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



15.9683, 0.5058, 0.2587



15.9683, 0.4620, 0.5215



15.9683, 0.1382, 0.3765



15.9683, 0.1419, 0.1394

Rectangle

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



15.9683, 0.5058, 0.2587



15.9683, 0.5736, 0.3897



15.9683, 0.1382, 0.3765



15.9683, 0.1002, 0.1759

Sweetspot

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



15.9693, 0.5058, 0.2587



59.2146, 0.3483, 0.2946



9.2538, 0.2128, 0.0964



11.6998, 0.3553, 0.2894



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.



15.9693, 0.5058, 0.2587



22.5149, 0.5200, 0.2638



15.1734, 0.6311, 0.3317



13.1493, 0.3221, 0.3184



9.4901, 0.5144, 0.2607



0.6320, 0.4748, 0.2389

Inverse Universe

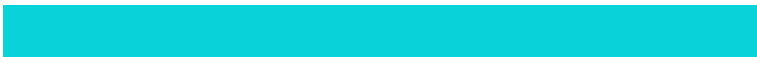
The Inverse Universe completely reimagines the original color for something new.



15.9693, 0.5058, 0.2587



22.5149, 0.5200, 0.2638



51.2136, 0.2224, 0.3189



13.1493, 0.3221, 0.3184



9.4901, 0.5144, 0.2607



0.6320, 0.4748, 0.2389

Previews

White Background



This preview shows how the Yxy color 15.9683, 0.5058, 0.2587 looks on a white background.

Color Contrast Check

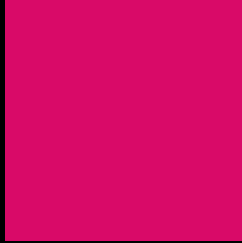
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9683, 0.5058, 0.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

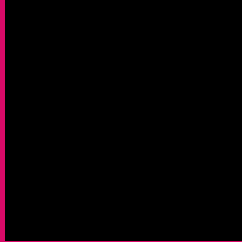
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9683, 0.5058, 0.2587

Background



This preview shows how black text looks on a background with the Yxy color 15.9683, 0.5058, 0.2587.



This preview shows how white text looks on a background with the Yxy color 15.9683, 0.5058, 0.2587.

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

15.9683, 0.5058, 0.2587

Protanopia

16.3957, 0.2596, 0.2554

Deuteranopia

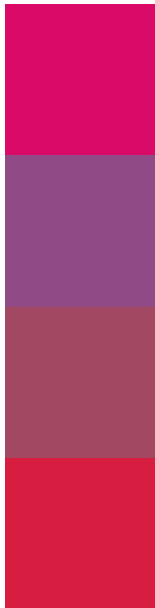
16.2972, 0.3614, 0.3541



Tritanopia

16.1192, 0.5929, 0.3298

Trichromacy



Original Color

15.9683, 0.5058, 0.2587

Protanomaly

12.5203, 0.3346, 0.2304

Deuteranomaly

13.1980, 0.4250, 0.2888

Tritanomaly

15.7573, 0.5696, 0.3048

Monochromacy



Original Color

15.9683, 0.5058, 0.2587

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.4892, 0.3985, 0.2639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9683, 0.5058, 0.2587 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(217, 10, 104)` looks like.

```
.text, #text, p{  
    color:rgb(217, 10, 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(217, 10, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 10, 104) }
```

Border

The CSS property to change the border of an element to Yxy 15.9683, 0.5058, 0.2587 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(217, 10, 104) }
```

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

```
.border{ border-color:rgb(217, 10, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 10, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 10, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 10, 104);  
box-shadow:4px 4px 4px 4px rgb(217, 10,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9683, 0.5058, 0.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 10, 104) }
```

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

```
.background{ background-color: rgb(217, 10,  
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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