

Converting Colors

$Yxy(17.1194, 0.4081, 0.2022)$

Have a look what the booklet for
Yxy(17.1194, 0.4081, 0.2022)
contains.

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Color

Yxy(17.1520, 0.4087, 0.2025)

Conversions

Conversions Part 1

Format	Color
Hex	D9009C
RGB	217, 0, 156
RGB Percent	85%, 0%, 61%
CMY	0.1490, 1.0000, 0.3883
CMYK	0.00, 1.00, 0.28, 0.15
HSL	317°, 100%, 43%
HSV	317°, 100%, 85%
XYZ	34.6174, 17.1520, 32.9318
YIQ	82.6670, 79.2560, 94.5200

Conversions

Conversions Part 2

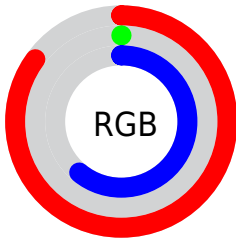
Format	Color
R_{YB}	217, 0, 156
Decimal	14221468
CIE _{Lab}	48.45, 79.27, -23.13
CIE _{LCh}	48, 82.571, 343.734
Yxy	17.1520, 0.4087, 0.2025
Android (android.graphics.Color)	4292411548 (0xFFD9009C)
YUV	82.6670, 36.1532, 117.8100
Hunter-Lab	41.4150, 76.7260, -18.1550

Details

The Yxy color **17.1520, 0.4087, 0.2025** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **49.9687, 0.2905, 0.5656**, and the grayscale version is **8.4929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7919, 0.3652, 0.2168**, and **8.1676, 0.4274, 0.2128** is the 20% darker color. If you saturate the color by 10%, you get **17.1532, 0.4087, 0.2025**, and if you desaturate by 10%, it is **17.9276, 0.3973, 0.2010**.

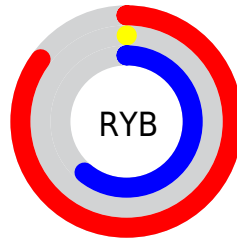
Distribution



Red (85%)

Green (0%)

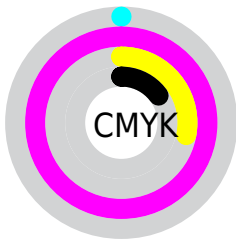
Blue (61%)



Red (85%)

Yellow (0%)

Blue (61%)

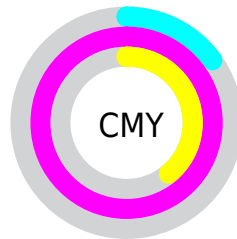


Cyan (0%)

Magenta (100%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1520, 0.4087, 0.2025 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 17.1520, 0.4087, 0.2025 by changing the saturation by 10% instead.


 17.1520, 0.4087,
0.2025


 17.1520, 0.4087,
0.2025


236.0468, 0.3571,
0.2681


 10.3429, 0.4227,
0.1858


 38.5869, 0.3891,
0.2267


 5.6269, 0.4411,
0.1643


 53.9816, 0.3820,
0.2357

 2.6196, 0.4666,
0.1361


 73.0069, 0.3761,
0.2433

 0.9365, 0.5034,
0.0985

 96.0472, 0.3711,
0.2497

 0.0000, 0.5883,
0.0000

 123.4870, 0.3669,
0.2553

 0.0000, 0.7620,
0.0000

 155.7105, 0.3632,

 0.0000, 0.0000,

0.2601

0.0000

193.1024, 0.3600,
0.2644

■ 17.1520, 0.4087,
0.2025

■ 17.1520, 0.4087,
0.2025

■ 17.1532, 0.4087,
0.2025

■ 17.9276, 0.3973,
0.2010

■ 19.3448, 0.3856,
0.2039

■ 21.6133, 0.3738,
0.2116

■ 24.8496, 0.3623,
0.2235

■ 29.1519, 0.3515,
0.2386

■ 34.6062, 0.3416,
0.2558

■ 41.2898, 0.3328,
0.2742

■ 49.2731, 0.3250,
0.2929

■ 58.6213, 0.3184,
0.3113

Harmonies

Analogous

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



17.1520, 0.2516, 0.1511



17.1520, 0.4087, 0.2025



17.1520, 0.5585, 0.2745

Triad

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



17.1520, 0.4087, 0.2025



17.1520, 0.4295, 0.5628



17.1520, 0.0879, 0.1910

Complementary

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



17.1520, 0.4087, 0.2025



49.9687, 0.2905, 0.5656

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.



17.1520, 0.1098, 0.3211



17.1520, 0.4087, 0.2025



17.1520, 0.3008, 0.6310

Square

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



17.1520, 0.4087, 0.2025



17.1520, 0.5429, 0.4493



17.1520, 0.1838, 0.5298



17.1520, 0.1016, 0.1387

Rectangle

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



17.1520, 0.4087, 0.2025



17.1520, 0.6017, 0.3263



17.1520, 0.1838, 0.5298



17.1520, 0.0906, 0.2235

Sweetspot

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



17.1532, 0.4087, 0.2025



59.2112, 0.3330, 0.2737



5.9060, 0.1654, 0.0685



11.7534, 0.3366, 0.2658



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.



17.1532, 0.4087, 0.2025



24.6910, 0.4097, 0.2030



14.9892, 0.6005, 0.3082



13.2091, 0.3180, 0.3123



10.4013, 0.4071, 0.2016



0.6883, 0.3899, 0.1921

Inverse Universe

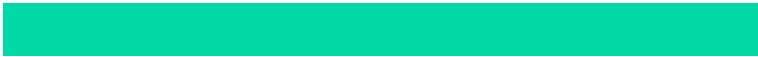
The Inverse Universe completely reimagines the original color for something new.



17.1532, 0.4087, 0.2025



24.6910, 0.4097, 0.2030



52.3985, 0.2463, 0.4067



13.2091, 0.3180, 0.3123



10.4013, 0.4071, 0.2016



0.6883, 0.3899, 0.1921

Previews

White Background



This preview shows how the Yxy color 17.1520, 0.4087, 0.2025 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 17.1520, 0.4087, 0.2025 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 17.1520, 0.4087, 0.2025

Background



This preview shows how black text looks on a background with the Yxy color 17.1520, 0.4087, 0.2025.



This preview shows how white text looks on a background with the Yxy color 17.1520, 0.4087, 0.2025.

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

17.1520, 0.4087, 0.2025

Protanopia

17.9540, 0.1885, 0.1629

Deuteranopia

17.9142, 0.2772, 0.2720



Tritanopia

17.5171, 0.5470, 0.3278

Trichromacy



Original Color

17.1520, 0.4087, 0.2025



Protanomaly

12.3568, 0.2258, 0.1425



Deuteranomaly

13.5464, 0.3198, 0.2098



Tritanomaly

16.4602, 0.5082, 0.2758

Monochromacy



Original Color

17.1520, 0.4087, 0.2025



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.5775, 0.3592, 0.2265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1520, 0.4087, 0.2025 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, 0, 156)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 156)  
}
```

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, 0, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 156) }
```

Border

The CSS property to change the border of an element to Yxy 17.1520, 0.4087, 0.2025 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, 0, 156) }
```

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

```
.border{ border-color:rgb(217, 0, 156) }
```

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

Here you see how a box with a 4 pixel rgb(217, 0, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 156);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1520, 0.4087, 0.2025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 156) }
```

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

```
.background{ background-color: rgb(217, 0,  
156) }
```

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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