

Converting Colors

$Y_{xy}(14.9386, 0.3999, 0.2782)$

Have a look what the booklet for
Yxy(14.9386, 0.3999, 0.2782)
contains.

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Color

Yxy(15.0366, 0.3995, 0.2785)

Conversions

Conversions Part 1

Format	Color
Hex	A65071
RGB	166, 80, 113
RGB Percent	65%, 31%, 44%
CMY	0.3491, 0.6862, 0.5569
CMYK	0.00, 0.52, 0.32, 0.35
HSL	337°, 35%, 48%
HSV	337°, 52%, 65%
XYZ	21.5696, 15.0366, 17.3852
YIQ	109.4760, 40.6630, 28.4950

Conversions

Conversions Part 2

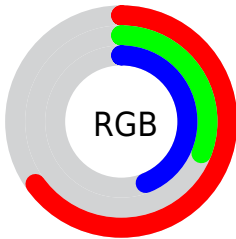
Format	Color
R _Y B	166, 80, 113
Decimal	10899569
CIE Lab	45.68, 39.10, -2.15
CIE LCh	46, 39.158, 356.853
Yxy	15.0366, 0.3995, 0.2785
Android (android.graphics.Color)	4289089649 (0xFFA65071)
YUV	109.4760, 1.7373, 49.5715
Hunter-Lab	38.7771, 31.4300, 0.5620

Details

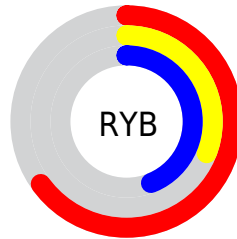
The Yxy color **15.0366, 0.3995, 0.2785** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **30.6609, 0.2686, 0.3889**, and the grayscale version is **15.4234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.9071, 0.3779, 0.2901**, and **4.6399, 0.4400, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **12.6812, 0.4264, 0.2710**, and if you desaturate by 10%, it is **18.0198, 0.3761, 0.2878**.

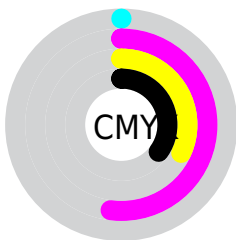
Distribution



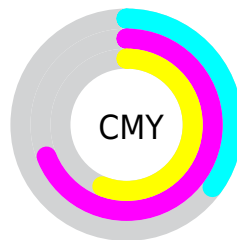
- Red (65%)
- Green (31%)
- Blue (44%)



- Red (65%)
- Yellow (31%)
- Blue (44%)



- Cyan (0%)
- Magenta (52%)
- Yellow (32%)
- Black (35%)




- Cyan (35%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0366, 0.3995, 0.2785 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 15.0366, 0.3995, 0.2785 by changing the saturation by 10% instead.


 15.0366, 0.3995,
0.2785

 15.0366, 0.3995,
0.2785


223.5876, 0.3484,
0.3079


 8.8451, 0.4158,
0.2693


 34.9174, 0.3786,
0.2904


 4.6403, 0.4394,
0.2561

 49.3754, 0.3715,
0.2945

 2.0378, 0.4765,
0.2356

 67.3577, 0.3658,
0.2978

 0.6293, 0.5474,
0.1945

 89.2488, 0.3611,
0.3006

 0.0000, 1.0000,
0.0000

 115.4329, 0.3571,
0.3029

 0.0000, 0.0000,
0.0000

146.2945, 0.3538,

0.3048

182.2179, 0.3509,
0.3065

■ 15.0366, 0.3995,
0.2785

■ 15.0366, 0.3995,
0.2785

■ 12.6812, 0.4264,
0.2710

■ 18.0198, 0.3761,
0.2878

■ 10.9055, 0.4562,
0.2663

■ 21.6699, 0.3562,
0.2978

■ 9.6579, 0.4875,
0.2657

■ 26.0252, 0.3396,
0.3081

■ 8.8767, 0.5184,
0.2700

■ 31.1206, 0.3258,
0.3180

■ 8.4696, 0.5425,
0.2762

■ 36.9887, 0.3145,
0.3274

■ 43.6600, 0.3052,
0.3362

■ 51.1636, 0.2976,
0.3443

■ 59.5267, 0.2913,
0.3517

■ 68.7758, 0.2861,
0.3585

Harmonies

Analogous

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



15.0366, 0.3181, 0.2361



15.0366, 0.3995, 0.2785



15.0366, 0.4577, 0.3325

Triad

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



15.0366, 0.3995, 0.2785



15.0366, 0.3677, 0.4756



15.0366, 0.1769, 0.2394

Complementary

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



15.0366, 0.3995, 0.2785



30.6609, 0.2686, 0.3889

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.



15.0366, 0.1859, 0.2985



15.0366, 0.3995, 0.2785



15.0366, 0.2917, 0.4555

Square

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



15.0366, 0.3995, 0.2785



15.0366, 0.4329, 0.4446



15.0366, 0.2256, 0.3826



15.0366, 0.1968, 0.2122

Rectangle

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



15.0366, 0.3995, 0.2785



15.0366, 0.4706, 0.3713



15.0366, 0.2256, 0.3826



15.0366, 0.1766, 0.2555

Sweetspot

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



15.0374, 0.3995, 0.2785



52.1549, 0.3317, 0.3135



13.3666, 0.2736, 0.1904



11.2663, 0.3344, 0.3116



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.0374, 0.3995, 0.2785



22.5218, 0.4303, 0.2701



15.7655, 0.4500, 0.3426



7.5882, 0.3228, 0.3204



6.5792, 0.5402, 0.2749



0.1701, 0.4532, 0.2270

Inverse Universe

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



15.0374, 0.3995, 0.2785



22.5218, 0.4303, 0.2701



28.6993, 0.2440, 0.3139



7.5882, 0.3228, 0.3204



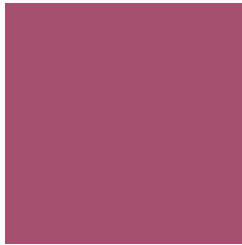
6.5792, 0.5402, 0.2749



0.1701, 0.4532, 0.2270

Previews

White Background



This preview shows how the Yxy color 15.0366, 0.3995, 0.2785 looks on a white background.

Color Contrast Check

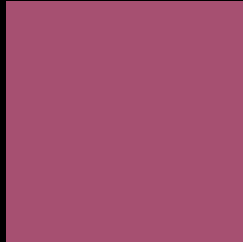
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0366, 0.3995, 0.2785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

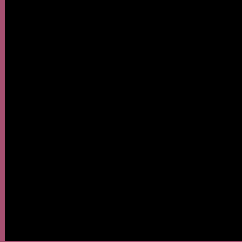
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0366, 0.3995, 0.2785

Background



This preview shows how black text looks on a background with the Yxy color 15.0366, 0.3995, 0.2785.



This preview shows how white text looks on a background with the Yxy color 15.0366, 0.3995, 0.2785.

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

15.0366, 0.3995, 0.2785

Protanopia

15.2799, 0.2815, 0.2848

Deuteranopia

15.1292, 0.3272, 0.3210



Tritanopia

14.9713, 0.4344, 0.3200

Trichromacy



Original Color

15.0366, 0.3995, 0.2785

Protanomaly

14.7026, 0.3193, 0.2801

Deuteranomaly

14.7258, 0.3531, 0.3032

Tritanomaly

15.0677, 0.4226, 0.3059

Monochromacy



Original Color

15.0366, 0.3995, 0.2785

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.6070, 0.3435, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0366, 0.3995, 0.2785 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(166, 80, 113)` looks like.

```
.text, #text, p{  
  color:rgb(166, 80, 113)  
}
```

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(166, 80, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 80, 113) }
```

Border

The CSS property to change the border of an element to Yxy 15.0366, 0.3995, 0.2785 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(166, 80, 113) }
```

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

```
.border{ border-color:rgb(166, 80, 113) }
```

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

Here you see how a box with a 4 pixel rgb(166, 80, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 80, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 80, 113);  
box-shadow:4px 4px 4px 4px rgb(166, 80,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0366, 0.3995, 0.2785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 80, 113) }
```

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

```
.background{ background-color: rgb(166, 80,  
113) }
```

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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