

Converting Colors

$Y_{xy}(17.8799, 0.3283, 0.2413)$

Have a look what the booklet for
Yxy(17.8799, 0.3283, 0.2413)
contains.

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Color

Yxy(17.8495, 0.3289, 0.2409)

Conversions

Conversions Part 1

Format	Color
Hex	A15E98
RGB	161, 94, 152
RGB Percent	63%, 37%, 60%
CMY	0.3686, 0.6314, 0.4038
CMYK	0.00, 0.42, 0.06, 0.37
HSL	308°, 26%, 50%
HSV	308°, 42%, 63%
XYZ	24.3699, 17.8495, 31.8757
YIQ	120.6450, 21.3140, 32.2420

Conversions

Conversions Part 2

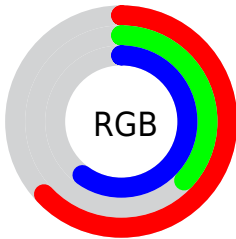
Format	Color
R_{YB}	161, 94, 152
Decimal	10575512
CIE _{Lab}	49.31, 36.12, -20.19
CIE _{LCh}	49, 41.383, 330.797
Yxy	17.8495, 0.3289, 0.2409
Android (android.graphics.Color)	4288765592 (0xFFA15E98)
YUV	120.6450, 15.4580, 35.3913
Hunter-Lab	42.2487, 29.0272, -15.1589

Details

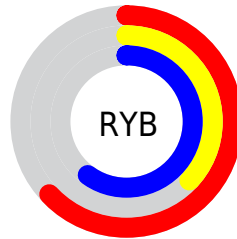
The Yxy color **17.8495, 0.3289, 0.2409** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.8493, 0.3001, 0.4371**, and the grayscale version is **18.9448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7657, 0.3265, 0.2595**, and **6.0045, 0.3329, 0.2111** is the 20% darker color. If you saturate the color by 10%, you get **15.2094, 0.3337, 0.2216**, and if you desaturate by 10%, it is **21.0898, 0.3244, 0.2618**.

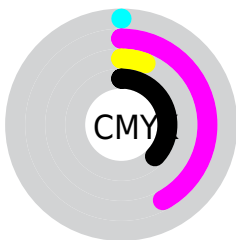
Distribution



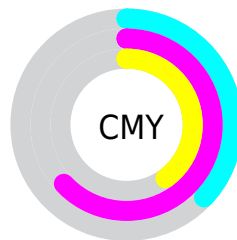
- Red (63%)
- Green (37%)
- Blue (60%)



- Red (63%)
- Yellow (37%)
- Blue (60%)



- Cyan (0%)
- Magenta (42%)
- Yellow (6%)
- Black (37%)





- Cyan (37%)
- Magenta (63%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8495, 0.3289, 0.2409 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 17.8495, 0.3289, 0.2409 by changing the saturation by 10% instead.


 17.8495, 0.3289,
0.2409

 17.8495, 0.3289,
0.2409


240.0214, 0.3210,
0.2884


 10.8420, 0.3307,
0.2279


 39.7807, 0.3261,
0.2590


 5.9607, 0.3328,
0.2105


 55.4732, 0.3250,
0.2656

 2.8212, 0.3352,
0.1862

 74.8295, 0.3241,
0.2710

 1.0391, 0.3371,
0.1504

 98.2339, 0.3233,
0.2756

 0.0000, 0.3703,
0.0000

126.0709, 0.3226,
0.2795

 0.0000, 0.0000,
0.0000

158.7249, 0.3220,

0.2829

196.5803, 0.3215,
0.2858

■ 17.8495, 0.3289,
0.2409

■ 17.8495, 0.3289,
0.2409

■ 15.2094, 0.3337,
0.2216

■ 21.0898, 0.3244,
0.2618

■ 13.1295, 0.3388,
0.2047

■ 24.9619, 0.3202,
0.2833

■ 11.5691, 0.3439,
0.1911

■ 29.4985, 0.3165,
0.3048

■ 10.4807, 0.3489,
0.1816

■ 34.7289, 0.3132,
0.3257

■ 9.8081, 0.3537,
0.1763

■ 40.6808, 0.3103,
0.3456

■ 9.4538, 0.3575,
0.1743

■ 47.3806, 0.3079,
0.3644

■ 54.8531, 0.3057,
0.3818

■ 63.1220, 0.3039,
0.3978

■ 72.2101, 0.3024,
0.4125

Harmonies

Analogous

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



17.8495, 0.2535, 0.2145



17.8495, 0.3289, 0.2409



17.8495, 0.4090, 0.2852

Triad

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



17.8495, 0.3289, 0.2409



17.8495, 0.4255, 0.4504



17.8495, 0.1832, 0.2890

Complementary

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



17.8495, 0.3289, 0.2409



28.8493, 0.3001, 0.4371

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.



17.8495, 0.2189, 0.3710



17.8495, 0.3289, 0.2409



17.8495, 0.3578, 0.4761

Square

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



17.8495, 0.3289, 0.2409



17.8495, 0.4659, 0.3982



17.8495, 0.2821, 0.4481



17.8495, 0.1781, 0.2342

Rectangle

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



17.8495, 0.3289, 0.2409



17.8495, 0.4491, 0.3211



17.8495, 0.2821, 0.4481



17.8495, 0.1916, 0.3142

Sweetspot

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



17.8503, 0.3289, 0.2409



52.2976, 0.3167, 0.3035



13.4581, 0.2467, 0.2072



11.2448, 0.3171, 0.3010



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



17.8503, 0.3289, 0.2409



27.5256, 0.3334, 0.2228



16.9041, 0.3773, 0.2898



7.1858, 0.3157, 0.3098



7.5545, 0.3572, 0.1741



0.1630, 0.3423, 0.1659

Inverse Universe

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



17.8503, 0.3289, 0.2409



27.5256, 0.3334, 0.2228



29.6604, 0.2746, 0.3730



7.1858, 0.3157, 0.3098



7.5545, 0.3572, 0.1741



0.1630, 0.3423, 0.1659

Previews

White Background



This preview shows how the Yxy color 17.8495, 0.3289, 0.2409 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 17.8495, 0.3289, 0.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

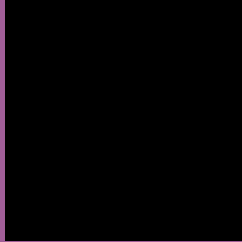
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8495, 0.3289, 0.2409

Background



This preview shows how black text looks on a background with the Yxy color 17.8495, 0.3289, 0.2409.



This preview shows how white text looks on a background with the Yxy color 17.8495, 0.3289, 0.2409.

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

17.8495, 0.3289, 0.2409

Protanopia

18.1221, 0.2440, 0.2355

Deuteranopia

17.9103, 0.2741, 0.2685



Tritanopia

17.9161, 0.3779, 0.3159

Trichromacy



Original Color

17.8495, 0.3289, 0.2409

Protanomaly

17.5804, 0.2696, 0.2353

Deuteranomaly

17.4311, 0.2922, 0.2561

Tritanomaly

17.8898, 0.3598, 0.2870

Monochromacy



Original Color

17.8495, 0.3289, 0.2409

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.2691, 0.3197, 0.2920

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8495, 0.3289, 0.2409 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(161, 94, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 94, 152)  
}
```

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(161, 94, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 94, 152) }
```

Border

The CSS property to change the border of an element to Yxy 17.8495, 0.3289, 0.2409 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(161, 94, 152) }
```

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

```
.border{ border-color:rgb(161, 94, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 94, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 94, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 94, 152);  
box-shadow:4px 4px 4px 4px rgb(161, 94,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8495, 0.3289, 0.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 94, 152) }
```

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

```
.background{ background-color: rgb(161, 94,  
152) }
```

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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