

Converting Colors

$Y_{xy}(24.0990, 0.3420, 0.2883)$

Have a look what the booklet for
Yxy(24.0990, 0.3420, 0.2883)
contains.

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Color

Yxy(24.0856, 0.3425, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	AA7893
RGB	170, 120, 147
RGB Percent	67%, 47%, 58%
CMY	0.3332, 0.5294, 0.4235
CMYK	0.00, 0.29, 0.14, 0.33
HSL	328°, 23%, 57%
HSV	328°, 29%, 67%
XYZ	28.5641, 24.0856, 30.7492
YIQ	138.0280, 21.1330, 18.9970

Conversions

Conversions Part 2

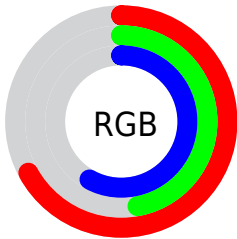
Format	Color
R _Y B	170, 120, 147
Decimal	11171987
CIE Lab	56.17, 23.82, -6.78
CIE LCh	56, 24.766, 344.113
Yxy	24.0856, 0.3425, 0.2888
Android (android.graphics.Color)	4289362067 (0xFFAA7893)
YUV	138.0280, 4.4232, 28.0394
Hunter-Lab	49.0771, 18.0067, -2.7941

Details

The Yxy color $24.0856, 0.3425, 0.2888$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $34.7336, 0.2909, 0.3731$, and the grayscale version is $25.4046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2729, 0.3362, 0.2973$, and $9.1329, 0.3541, 0.2764$ is the 20% darker color. If you saturate the color by 10%, you get $20.1168, 0.3565, 0.2747$, and if you desaturate by 10%, it is $28.7994, 0.3306, 0.3029$.

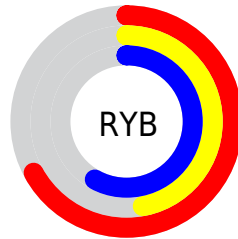
Distribution



Red (67%)

Green (47%)

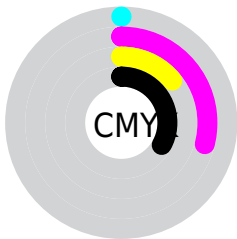
Blue (58%)



Red (67%)

Yellow (47%)

Blue (58%)

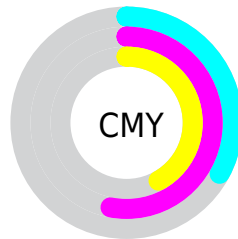


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (33%)



Cyan (33%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0856, 0.3425, 0.2888 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 24.0856, 0.3425, 0.2888 by changing the saturation by 10% instead.


 24.0856, 0.3425,
0.2888


 24.0856, 0.3425,
0.2888


273.2530, 0.3263,
0.3105


 15.3971, 0.3470,
0.2828


 50.1699, 0.3363,
0.2971

 9.0986, 0.3532,
0.2748


 68.3344, 0.3340,
0.3001

 4.8055, 0.3621,
0.2633


 90.4265, 0.3322,
0.3025

 2.1336, 0.3759,
0.2458

116.8304, 0.3306,
0.3046

 0.6834, 0.4021,
0.2123

147.9307, 0.3293,
0.3064

 0.0000, 0.9336,
0.0000

184.1116, 0.3282,

 0.0000, 0.0000,

0.3079

0.0000

225.7575, 0.3272,
0.3093

■ 24.0856, 0.3425,
0.2888

■ 24.0856, 0.3425,
0.2888

■ 20.1168, 0.3565,
0.2747

■ 28.7994, 0.3306,
0.3029

■ 16.8509, 0.3727,
0.2614

■ 34.2909, 0.3206,
0.3167

■ 14.2468, 0.3912,
0.2497

■ 40.5946, 0.3123,
0.3297

■ 12.2575, 0.4115,
0.2408

■ 47.7422, 0.3053,
0.3420

■ 10.8300, 0.4331,
0.2359

■ 55.7634, 0.2996,
0.3533

■ 9.9019, 0.4550,
0.2359

■ 64.6869, 0.2948,
0.3637

■ 9.3468, 0.4766,
0.2403

■ 74.5396, 0.2909,
0.3733

■ 9.3176, 0.4779,
0.2406

■ 84.7008, 0.2875,
0.3810

■ 85.0993, 0.2836,
0.3717

Harmonies

Analogous

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



24.0856, 0.2985, 0.2672



24.0856, 0.3425, 0.2888



24.0856, 0.3801, 0.3199

Triad

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



24.0856, 0.3425, 0.2888



24.0856, 0.3631, 0.4051



24.0856, 0.2341, 0.2938

Complementary

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



24.0856, 0.3425, 0.2888



34.7336, 0.2909, 0.3731

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.



24.0856, 0.2488, 0.3331



24.0856, 0.3425, 0.2888



24.0856, 0.3221, 0.4021

Square

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



24.0856, 0.3425, 0.2888



24.0856, 0.3916, 0.3862



24.0856, 0.2804, 0.3747



24.0856, 0.2384, 0.2680

Rectangle

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



24.0856, 0.3425, 0.2888



24.0856, 0.3949, 0.3431



24.0856, 0.2804, 0.3747



24.0856, 0.2369, 0.3058

Sweetspot

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



24.0867, 0.3425, 0.2888



62.4794, 0.3204, 0.3170



22.1303, 0.2855, 0.2505



13.5965, 0.3217, 0.3151



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.0867, 0.3425, 0.2888



39.0644, 0.3509, 0.2800



23.3974, 0.3732, 0.3254



7.6075, 0.3205, 0.3169



6.8636, 0.4757, 0.2394



0.1771, 0.4121, 0.2044

Inverse Universe

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



24.0867, 0.3425, 0.2888



39.0644, 0.3509, 0.2800



35.5594, 0.2728, 0.3328



7.6075, 0.3205, 0.3169



6.8636, 0.4757, 0.2394



0.1771, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 24.0856, 0.3425, 0.2888 looks on a white background.

Color Contrast Check

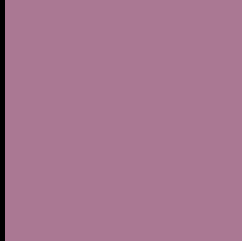
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 24.0856, 0.3425, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

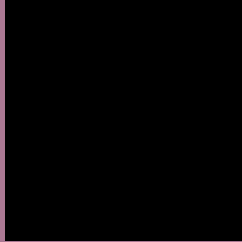
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0856, 0.3425, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 24.0856, 0.3425, 0.2888.



This preview shows how white text looks on a background with the Yxy color 24.0856, 0.3425, 0.2888.

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

24.0856, 0.3425, 0.2888

Protanopia

24.2758, 0.2876, 0.2923

Deuteranopia

24.2062, 0.3127, 0.3061



Tritanopia

24.1567, 0.3576, 0.3154

Trichromacy



Original Color

24.0856, 0.3425, 0.2888

Protanomaly

24.0202, 0.3055, 0.2903

Deuteranomaly

24.0264, 0.3223, 0.2988

Tritanomaly

24.1602, 0.3530, 0.3064

Monochromacy



Original Color

24.0856, 0.3425, 0.2888

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.6397, 0.3238, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0856, 0.3425, 0.2888 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(170, 120, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 120, 147)  
}
```

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(170, 120, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 120, 147) }
```

Border

The CSS property to change the border of an element to Yxy 24.0856, 0.3425, 0.2888 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(170, 120, 147) }
```

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

```
.border{ border-color:rgb(170, 120, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 120, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 120, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 120, 147); box-shadow:4px 4px 4px 4px rgb(170, 120, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0856, 0.3425, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 120, 147) }
```

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

```
.background{ background-color: rgb(170,  
120, 147) }
```

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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