

Converting Colors

$Y_{xy}(24.3935, 0.3142, 0.2221)$

Have a look what the booklet for
Yxy(24.3935, 0.3142, 0.2221)
contains.

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Color

Yxy(24.4213, 0.3143, 0.2219)

Conversions

Conversions Part 1

Format	Color
Hex	BA6ABD
RGB	186, 106, 189
RGB Percent	73%, 42%, 74%
CMY	0.2706, 0.5843, 0.2588
CMYK	0.02, 0.44, 0.00, 0.26
HSL	298°, 39%, 58%
HSV	298°, 44%, 74%
XYZ	34.5904, 24.4213, 51.0437
YIQ	139.3820, 21.0370, 42.7730

Conversions

Conversions Part 2

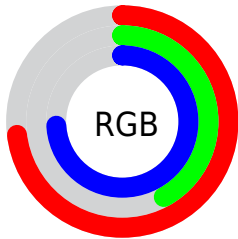
Format	Color
RYB	186, 106, 189
Decimal	12217021
CIELab	56.51, 44.45, -30.35
CIELCh	57, 53.824, 325.670
Yxy	24.4213, 0.3143, 0.2219
Android (android.graphics.Color)	4290407101 (0xFFBA6ABD)
YUV	139.3820, 24.4617, 40.8840
Hunter-Lab	49.4179, 38.4610, -26.6480

Details

The Yxy color **24.4213, 0.3143, 0.2219** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **40.6951, 0.3085, 0.4631**, and the grayscale version is **25.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.6832, 0.3152, 0.2408**, and **9.3069, 0.3124, 0.1926** is the 20% darker color. If you saturate the color by 10%, you get **20.8608, 0.3143, 0.2006**, and if you desaturate by 10%, it is **28.8429, 0.3141, 0.2454**.

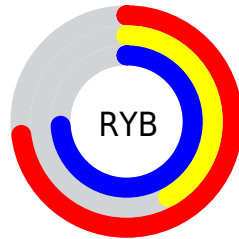
Distribution



Red (73%)

Green (42%)

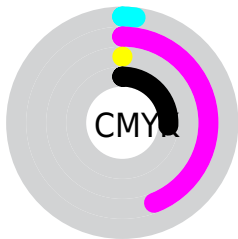
Blue (74%)



Red (73%)

Yellow (42%)

Blue (74%)

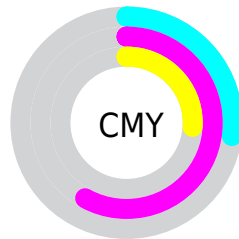


Cyan (2%)

Magenta (44%)

Yellow (0%)

Black (26%)



Cyan (27%)


Magenta (58%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4213, 0.3143, 0.2219 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 24.4213, 0.3143, 0.2219 by changing the saturation by 10% instead.


 24.4213, 0.3143,
0.2219


 24.4213, 0.3143,
0.2219


274.9436, 0.3153,
0.2758


 15.6464, 0.3134,
0.2085

 50.7168, 0.3151,
0.2415


 9.2743, 0.3118,
0.1916


 69.0063, 0.3153,
0.2488

 4.9205, 0.3089,
0.1694


 91.2361, 0.3154,
0.2551

 2.2007, 0.3033,
0.1396

 117.7906, 0.3154,
0.2604

 0.7204, 0.2919,
0.0977

149.0542, 0.3154,
0.2650

 0.0000, 0.2736,
0.0000

185.4113, 0.3154,

 0.0000, 0.0000,

0.2691

0.0000

227.2463, 0.3153,
0.2726

■ 24.4213, 0.3143,
0.2219

■ 24.4213, 0.3143,
0.2219

■ 20.8608, 0.3143,
0.2006

■ 28.8429, 0.3141,
0.2454

■ 18.1012, 0.3141,
0.1823

■ 34.1742, 0.3138,
0.2701

■ 16.0795, 0.3137,
0.1678


■ 40.4640, 0.3134,
0.2950


■ 14.7221, 0.3131,
0.1576

■ 47.7567, 0.3129,
0.3196

■ 13.9402, 0.3123,
0.1515


■ 56.0940, 0.3124,
0.3432

 13.6384, 0.3119,
0.1492

 65.5151, 0.3118,
0.3655

 76.0573, 0.3112,
0.3862

 86.3352, 0.3107,
0.4031

 86.4248, 0.3111,
0.4030

Harmonies

Analogous

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



24.4213, 0.2317, 0.1964



24.4213, 0.3143, 0.2219



24.4213, 0.4102, 0.2683

Triad

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



24.4213, 0.3143, 0.2219



24.4213, 0.4511, 0.4565



24.4213, 0.1689, 0.2948

Complementary

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



24.4213, 0.3143, 0.2219



40.6951, 0.3085, 0.4631

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.



24.4213, 0.2138, 0.3959



24.4213, 0.3143, 0.2219



24.4213, 0.3761, 0.4993

Square

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



24.4213, 0.3143, 0.2219



24.4213, 0.4929, 0.3927



24.4213, 0.2894, 0.4825



24.4213, 0.1586, 0.2267

Rectangle

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



24.4213, 0.3143, 0.2219



24.4213, 0.4623, 0.3070



24.4213, 0.2894, 0.4825



24.4213, 0.1799, 0.3261

Sweetspot

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



24.4224, 0.3143, 0.2219



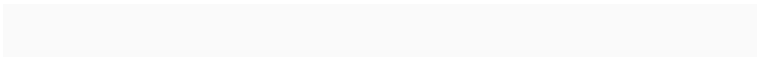
73.3263, 0.3134, 0.2968



17.9237, 0.2324, 0.2010



15.1939, 0.3135, 0.2913



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



24.4224, 0.3143, 0.2219



37.3953, 0.3143, 0.2007



23.3850, 0.3630, 0.2671



9.6781, 0.3132, 0.3064



9.1821, 0.3120, 0.1492



0.3652, 0.3142, 0.1505

Inverse Universe

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



22.2336, 0.4227, 0.3251



33.0012, 0.4632, 0.3245



41.4605, 0.2823, 0.4018



9.5418, 0.3283, 0.3282



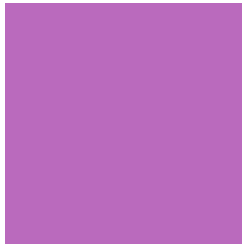
7.2918, 0.6355, 0.3274



0.2876, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 24.4213, 0.3143, 0.2219 looks on a white background.

Color Contrast Check

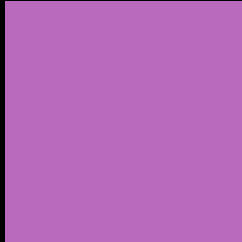
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4213, 0.3143, 0.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

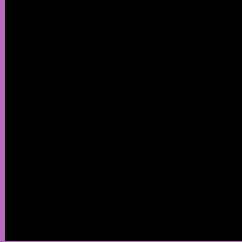
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4213, 0.3143, 0.2219

Background



This preview shows how black text looks on a background with the Yxy color 24.4213, 0.3143, 0.2219.



This preview shows how white text looks on a background with the Yxy color 24.4213, 0.3143, 0.2219.

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

24.4213, 0.3143, 0.2219

Protanopia

24.6040, 0.2263, 0.2125

Deuteranopia

24.6485, 0.2555, 0.2499



Tritanopia

24.4829, 0.3748, 0.3160

Trichromacy



Original Color

24.4213, 0.3143, 0.2219

Protanomaly

23.7120, 0.2517, 0.2130

Deuteranomaly

23.9802, 0.2738, 0.2366

Tritanomaly

24.3196, 0.3519, 0.2781

Monochromacy



Original Color

24.4213, 0.3143, 0.2219

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.6810, 0.3137, 0.2828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4213, 0.3143, 0.2219 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(186, 106, 189)` looks like.

```
.text, #text, p{  
    color:rgb(186, 106, 189)  
}
```

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(186, 106, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 106, 189) }
```

Border

The CSS property to change the border of an element to Yxy 24.4213, 0.3143, 0.2219 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(186, 106, 189) }
```

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

```
.border{ border-color:rgb(186, 106, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 106, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 106, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 106, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 106,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4213, 0.3143, 0.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 106, 189) }
```

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

```
.background{ background-color: rgb(186,  
106, 189) }
```

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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