

Converting Colors

$Y_{xy}(24.4778, 0.3186, 0.2017)$

Have a look what the booklet for
Yxy(24.4778, 0.3186, 0.2017)
contains.

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Color

Yxy(24.4633, 0.3187, 0.2022)

Conversions

Conversions Part 1

Format	Color
Hex	C95DC9
RGB	201, 93, 201
RGB Percent	79%, 36%, 79%
CMY	0.2115, 0.6355, 0.2117
CMYK	0.00, 0.54, 0.00, 0.21
HSL	300°, 50%, 58%
HSV	300°, 54%, 79%
XYZ	38.5581, 24.4633, 57.9642
YIQ	137.6040, 29.7000, 56.4840

Conversions

Conversions Part 2

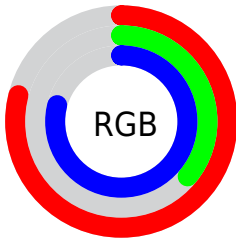
Format	Color
R_{YB}	201, 93, 201
Decimal	13196745
CIE _{Lab}	56.55, 57.43, -37.01
CIE _{LCh}	57, 68.319, 327.200
Yxy	24.4633, 0.3187, 0.2022
Android (android.graphics.Color)	4291386825 (0xFFC95DC9)
YUV	137.6040, 31.2542, 55.5983
Hunter-Lab	49.4604, 52.5986, -34.8616

Details

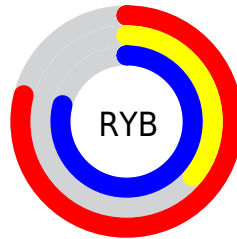
The Yxy color **24.4633, 0.3187, 0.2022** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **44.9150, 0.3047, 0.4997**, and the grayscale version is **25.1245, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.6598, 0.3176, 0.2257**, and **9.2664, 0.3169, 0.1695** is the 20% darker color. If you saturate the color by 10%, you get **21.3887, 0.3195, 0.1846**, and if you desaturate by 10%, it is **28.4676, 0.3177, 0.2230**.

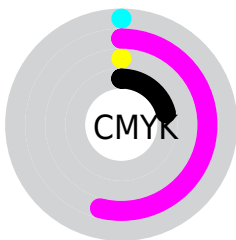
Distribution



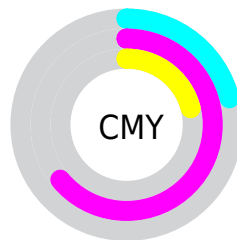
- Red (79%)
- Green (36%)
- Blue (79%)



- Red (79%)
- Yellow (36%)
- Blue (79%)



- Cyan (0%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)




- Cyan (21%)
- Magenta (64%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4633, 0.3187, 0.2022 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 24.4633, 0.3187, 0.2022 by changing the saturation by 10% instead.


 24.4633, 0.3187,
0.2022


 24.4633, 0.3187,
0.2022


275.1545, 0.3182,
0.2643


 15.6777, 0.3180,
0.1874


 50.7852, 0.3191,
0.2243


 9.2963, 0.3165,
0.1691


 69.0902, 0.3191,
0.2327

 4.9350, 0.3137,
0.1458


 91.3372, 0.3190,
0.2399

 2.2092, 0.3081,
0.1158

 117.9104, 0.3189,
0.2462

 0.7250, 0.2964,
0.0764

149.1944, 0.3187,
0.2516

 0.0000, 0.2775,
0.0000

185.5735, 0.3185,

 0.0000, 0.0000,

0.2563

0.0000

227.4320, 0.3184,
0.2605

■ 24.4633, 0.3187,
0.2022

■ 24.4633, 0.3187,
0.2022

■ 21.3887, 0.3195,
0.1846

■ 28.4676, 0.3177,
0.2230

■ 19.1660, 0.3202,
0.1709

■ 33.4647, 0.3166,
0.2461

■ 17.7107, 0.3206,
0.1614

■ 39.5159, 0.3155,
0.2705

■ 16.9187, 0.3209,
0.1561

■ 46.6768, 0.3143,
0.2954

■ 16.6426, 0.3210,
0.1542

■ 54.9988, 0.3131,
0.3199

■ 64.5305, 0.3120,
0.3436

■ 75.3173, 0.3110,
0.3660

■ 87.4027, 0.3100,
0.3869

■ 88.1663, 0.3099,
0.3881

Harmonies

Analogous

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



24.4633, 0.2167, 0.1714



24.4633, 0.3187, 0.2022



24.4633, 0.4410, 0.2566

Triad

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



24.4633, 0.3187, 0.2022



24.4633, 0.4710, 0.4800



24.4633, 0.1372, 0.2761

Complementary

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



24.4633, 0.3187, 0.2022



44.9150, 0.3047, 0.4997

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.



24.4633, 0.1848, 0.4068



24.4633, 0.3187, 0.2022



24.4633, 0.3765, 0.5431

Square

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



24.4633, 0.3187, 0.2022



24.4633, 0.5314, 0.3997



24.4633, 0.2726, 0.5271



24.4633, 0.1294, 0.1987

Rectangle

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



24.4633, 0.3187, 0.2022



24.4633, 0.5055, 0.3012



24.4633, 0.2726, 0.5271



24.4633, 0.1482, 0.3147

Sweetspot

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



24.4644, 0.3187, 0.2022



76.6737, 0.3146, 0.2893



14.3651, 0.2098, 0.1589



15.8510, 0.3148, 0.2841



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.



24.4644, 0.3187, 0.2022



35.6634, 0.3197, 0.1813



22.3529, 0.3879, 0.2605



10.8166, 0.3138, 0.3062



10.4575, 0.3210, 0.1542



0.4952, 0.3210, 0.1542

Inverse Universe

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



24.4644, 0.3187, 0.2022



35.6634, 0.3197, 0.1813



46.2317, 0.2743, 0.4134



10.8166, 0.3138, 0.3062



10.4575, 0.3210, 0.1542



0.4952, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 24.4633, 0.3187, 0.2022 looks on a white background.

Color Contrast Check

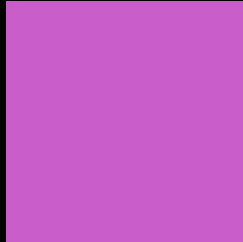
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4633, 0.3187, 0.2022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

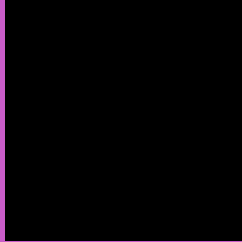
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4633, 0.3187, 0.2022

Background



This preview shows how black text looks on a background with the Yxy color 24.4633, 0.3187, 0.2022.



This preview shows how white text looks on a background with the Yxy color 24.4633, 0.3187, 0.2022.

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

24.4633, 0.3187, 0.2022

Protanopia

25.0048, 0.2048, 0.1846

Deuteranopia

24.8004, 0.2422, 0.2370



Tritanopia

24.2918, 0.4031, 0.3168

Trichromacy



Original Color

24.4633, 0.3187, 0.2022



Protanomaly

23.0304, 0.2325, 0.1846



Deuteranomaly

23.5752, 0.2650, 0.2181



Tritanomaly

24.1445, 0.3711, 0.2695

Monochromacy



Original Color

24.4633, 0.3187, 0.2022



Achromatopsia

25.4152, 0.3127, 0.3290



Achromatomaly

24.0693, 0.3155, 0.2703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4633, 0.3187, 0.2022 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(201, 93, 201)` looks like.

```
.text, #text, p{  
    color:rgb(201, 93, 201)  
}
```

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(201, 93, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 93, 201) }
```

Border

The CSS property to change the border of an element to Yxy 24.4633, 0.3187, 0.2022 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(201, 93, 201) }
```

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

```
.border{ border-color:rgb(201, 93, 201) }
```

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

Here you see how a box with a 4 pixel rgb(201, 93, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 93, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 93, 201);  
box-shadow:4px 4px 4px 4px rgb(201, 93,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4633, 0.3187, 0.2022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 93, 201) }
```

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

```
.background{ background-color: rgb(201, 93,  
201) }
```

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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