

Converting Colors

$Y_{xy}(24.5915, 0.3192, 0.1905)$

Have a look what the booklet for
Yxy(24.5915, 0.3192, 0.1905)
contains.

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Color

Yxy(24.6954, 0.3192, 0.1905)

Conversions

Conversions Part 1

Format	Color
Hex	D254D2
RGB	210, 84, 210
RGB Percent	82%, 33%, 82%
CMY	0.1765, 0.6705, 0.1765
CMYK	0.00, 0.60, 0.00, 0.18
HSL	300°, 58%, 58%
HSV	300°, 60%, 82%
XYZ	41.3794, 24.6954, 63.5599
YIQ	136.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

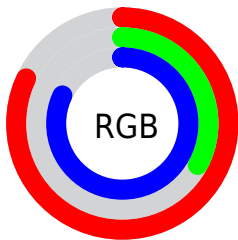
Format	Color
R _{YB}	210, 84, 210
Decimal	13784274
CIE _{Lab}	56.78, 65.26, -41.67
CIE _{LCh}	57, 77.427, 327.439
Yxy	24.6954, 0.3192, 0.1905
Android (android.graphics.Color)	4291974354 (0xFFD254D2)
YUV	136.0380, 36.4633, 64.8647
Hunter-Lab	49.6945, 61.6673, -41.0466

Details

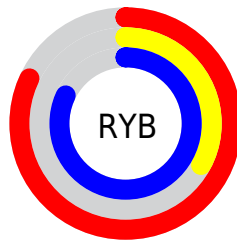
The Yxy color **24.6954, 0.3192, 0.1905** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **48.6209, 0.3037, 0.5216**, and the grayscale version is **24.4890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5298, 0.3179, 0.2195**, and **9.4125, 0.3160, 0.1561** is the 20% darker color. If you saturate the color by 10%, you get **21.9099, 0.3199, 0.1753**, and if you desaturate by 10%, it is **28.4601, 0.3183, 0.2094**.

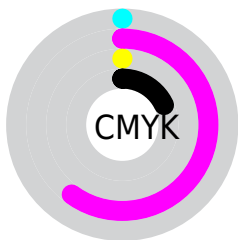
Distribution



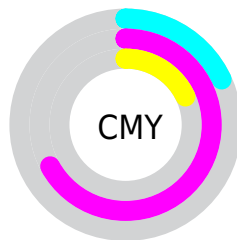
- Red (82%)
- Green (33%)
- Blue (82%)



- Red (82%)
- Yellow (33%)
- Blue (82%)



- Cyan (0%)
- Magenta (60%)
- Yellow (0%)
- Black (18%)





- Cyan (18%)
- Magenta (67%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6954, 0.3192, 0.1905 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 24.6954, 0.3192, 0.1905 by changing the saturation by 10% instead.


 24.6954, 0.3192,
0.1905


 24.6954, 0.3192,
0.1905


276.3176, 0.3190,
0.2570


 15.8503, 0.3183,
0.1751


 51.1626, 0.3199,
0.2138


 9.4183, 0.3165,
0.1563


 69.5535, 0.3199,
0.2229

 5.0150, 0.3132,
0.1328


 91.8951, 0.3198,
0.2306

 2.2561, 0.3068,
0.1033

 118.5718, 0.3197,
0.2373

 0.7503, 0.2941,
0.0665

149.9681, 0.3195,
0.2432

 0.0000, 0.2736,
0.0000

186.4681, 0.3194,

 0.0000, 0.1288,


0.2483


0.0000


228.4565, 0.3192,
0.2529


 0.0000, 0.0000,
0.0000

 24.6954, 0.3192,
0.1905


 24.6954, 0.3192,
0.1905


 21.9099, 0.3199,
0.1753


 28.4601, 0.3183,
0.2094


 20.0099, 0.3204,
0.1643


 33.2799, 0.3173,
0.2312


 18.8895, 0.3207,
0.1575

 39.2268, 0.3162,
0.2550

 18.3526, 0.3209,
0.1541

 46.3660, 0.3150,
0.2797

 18.3523, 0.3209,
0.1541

 54.7573, 0.3139,
0.3046

■ 64.4568, 0.3127,
0.3290

■ 75.5170, 0.3116,
0.3523

■ 87.9876, 0.3106,
0.3742

■ 89.8762, 0.3105,
0.3772

Harmonies

Analogous

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



24.6954, 0.2068, 0.1575



24.6954, 0.3192, 0.1905



24.6954, 0.4577, 0.2486

Triad

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



24.6954, 0.3192, 0.1905



24.6954, 0.4806, 0.4893



24.6954, 0.1204, 0.2660

Complementary

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



24.6954, 0.3192, 0.1905



48.6209, 0.3037, 0.5216

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.



24.6954, 0.1688, 0.4153



24.6954, 0.3192, 0.1905



24.6954, 0.3754, 0.5674

Square

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



24.6954, 0.3192, 0.1905



24.6954, 0.5522, 0.3997



24.6954, 0.2628, 0.5566



24.6954, 0.1138, 0.1837

Rectangle

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



24.6954, 0.3192, 0.1905



24.6954, 0.5300, 0.2957



24.6954, 0.2628, 0.5566



24.6954, 0.1312, 0.3090

Sweetspot

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



24.6965, 0.3192, 0.1905



74.1292, 0.3148, 0.2842



13.2128, 0.1974, 0.1400



15.1049, 0.3152, 0.2769



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.



24.6965, 0.3192, 0.1905



33.0341, 0.3201, 0.1718



22.2184, 0.3984, 0.2516



12.0090, 0.3138, 0.3061



11.1943, 0.3209, 0.1541



0.6259, 0.3209, 0.1541

Inverse Universe

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



20.6856, 0.4995, 0.3295



26.2778, 0.5605, 0.3297



50.0215, 0.2729, 0.4291



11.8083, 0.3291, 0.3290



8.3578, 0.6401, 0.3300



0.4673, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 24.6954, 0.3192, 0.1905 looks on a white background.

Color Contrast Check

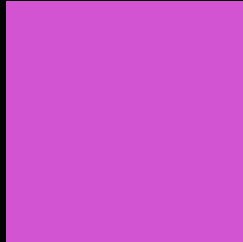
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6954, 0.3192, 0.1905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

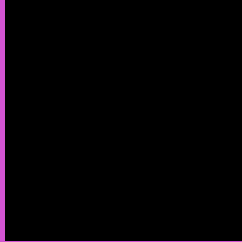
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6954, 0.3192, 0.1905

Background



This preview shows how black text looks on a background with the Yxy color 24.6954, 0.3192, 0.1905.

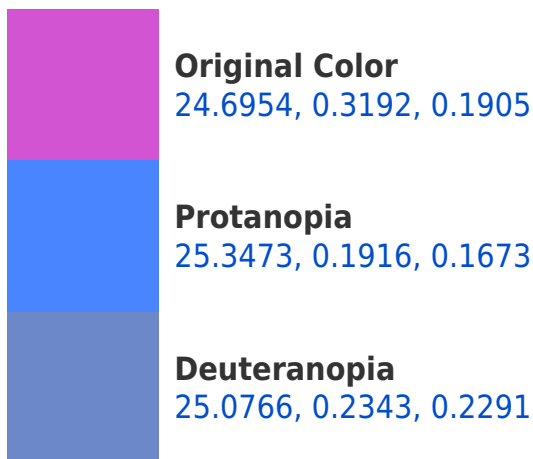


This preview shows how white text looks on a background with the Yxy color 24.6954, 0.3192, 0.1905.

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





Tritanopia

24.6020, 0.4198, 0.3188

Trichromacy



Original Color

24.6954, 0.3192, 0.1905



Protanomaly

22.6455, 0.2185, 0.1664



Deuteranomaly

23.1932, 0.2591, 0.2064



Tritanomaly

24.2382, 0.3822, 0.2657

Monochromacy



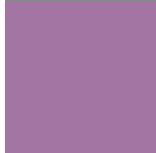
Original Color

24.6954, 0.3192, 0.1905



Achromatopsia

24.6201, 0.3127, 0.3290



Achromatomaly

23.1535, 0.3159, 0.2605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6954, 0.3192, 0.1905 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(210, 84, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 84, 210)  
}
```

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(210, 84, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 84, 210) }
```

Border

The CSS property to change the border of an element to Yxy 24.6954, 0.3192, 0.1905 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(210, 84, 210) }
```

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

```
.border{ border-color:rgb(210, 84, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 84, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 84, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 84, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 84,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6954, 0.3192, 0.1905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 84, 210) }
```

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

```
.background{ background-color: rgb(210, 84,  
210) }
```

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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