

Converting Colors

$Y_{xy}(24.0655, 0.3234, 0.1747)$

Have a look what the booklet for
Yxy(24.0655, 0.3234, 0.1747)
contains.

Yxy(24.0893, 0.3233, 0.1745)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.0893, 0.3233, 0.1745)

Conversions

Conversions Part 1

Format	Color
Hex	DE3EDB
RGB	222, 62, 219
RGB Percent	87%, 24%, 86%
CMY	0.1295, 0.7568, 0.1411
CMYK	0.00, 0.72, 0.01, 0.13
HSL	301°, 71%, 56%
HSV	301°, 72%, 87%
XYZ	44.6308, 24.0893, 69.3275
YIQ	127.7380, 44.9630, 82.7470

Conversions

Conversions Part 2

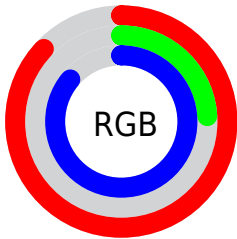
Format	Color
R _{YB}	222, 62, 219
Decimal	14565083
CIE Lab	56.18, 77.52, -47.62
CIE LCh	56, 90.977, 328.440
Yxy	24.0893, 0.3233, 0.1745
Android (android.graphics.Color)	4292755163 (0xFFDE3EDB)
YUV	127.7380, 44.9922, 82.6678
Hunter-Lab	49.0809, 76.4242, -49.3915

Details

The Yxy color **24.0893, 0.3233, 0.1745** 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 **53.6402, 0.3011, 0.5557**, and the grayscale version is **21.3251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8953, 0.3185, 0.2055**, and **10.4309, 0.3209, 0.1542** is the 20% darker color. If you saturate the color by 10%, you get **22.1267, 0.3243, 0.1646**, and if you desaturate by 10%, it is **27.0395, 0.3221, 0.1887**.

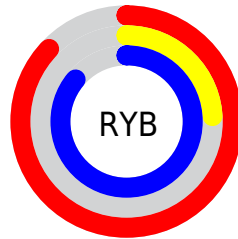
Distribution



Red (87%)

Green (24%)

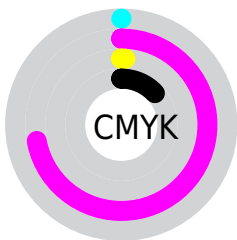
Blue (86%)



Red (87%)

Yellow (24%)

Blue (86%)

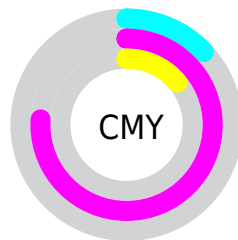


Cyan (0%)

Magenta (72%)

Yellow (1%)

Black (13%)



Cyan (13%)


Magenta (76%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0893, 0.3233, 0.1745 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 24.0893, 0.3233, 0.1745 by changing the saturation by 10% instead.


 24.0893, 0.3233,
0.1745


 24.0893, 0.3233,
0.1745


273.2716, 0.3219,
0.2470


 15.3999, 0.3225,
0.1583


 50.1759, 0.3237,
0.1995


 9.1005, 0.3207,
0.1388


 68.3418, 0.3236,
0.2093


 4.8068, 0.3173,
0.1150


 90.4354, 0.3233,
0.2178

 2.1344, 0.3107,
0.0863

 116.8410, 0.3231,
0.2251

 0.6838, 0.2979,
0.0516

 147.9431, 0.3228,
0.2316

 0.0000, 0.2754,
0.0000


184.1259, 0.3225,

 0.0000, 0.1918,

0.2373


0.0000


225.7740, 0.3222,
0.2424


 0.0000, 0.0000,
0.0000


 24.0893, 0.3233,
0.1745


 24.0893, 0.3233,
0.1745


 22.1267, 0.3243,
0.1646

 27.0395, 0.3221,
0.1887


 21.0198, 0.3251,
0.1589


 31.0811, 0.3207,
0.2067


 20.5820, 0.3256,
0.1568

 36.3084, 0.3192,
0.2278


 42.8045, 0.3176,
0.2510

 50.6451, 0.3160,
0.2753

 59.9003, 0.3145,
0.3000

 70.6347, 0.3130,
0.3241

 82.9096, 0.3116,
0.3473

 92.3597, 0.3107,
0.3625

Harmonies

Analogous

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



24.0893, 0.1943, 0.1383



24.0893, 0.3233, 0.1745



24.0893, 0.4877, 0.2377

Triad

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



24.0893, 0.3233, 0.1745



24.0893, 0.4890, 0.5024



24.0893, 0.0960, 0.2464

Complementary

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



24.0893, 0.3233, 0.1745



53.6402, 0.3011, 0.5557

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.



24.0893, 0.1426, 0.4234



24.0893, 0.3233, 0.1745



24.0893, 0.3661, 0.6040

Square

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



24.0893, 0.3233, 0.1745



24.0893, 0.5793, 0.3975



24.0893, 0.2426, 0.6030



24.0893, 0.0927, 0.1605

Rectangle

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



24.0893, 0.3233, 0.1745



24.0893, 0.5700, 0.2877



24.0893, 0.2426, 0.6030



24.0893, 0.1058, 0.2949

Sweetspot

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



24.0904, 0.3233, 0.1745



69.2140, 0.3160, 0.2751



9.8344, 0.1759, 0.1014



14.1476, 0.3165, 0.2683



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.



24.0904, 0.3233, 0.1745



29.4646, 0.3247, 0.1614



20.8490, 0.4347, 0.2481



13.9310, 0.3141, 0.3063



12.2294, 0.3256, 0.1567



0.8491, 0.3248, 0.1563

Inverse Universe

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



24.0904, 0.3233, 0.1745



29.4646, 0.3247, 0.1614



55.2929, 0.2675, 0.4457



13.9310, 0.3141, 0.3063



12.2294, 0.3256, 0.1567



0.8491, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 24.0893, 0.3233, 0.1745 looks on a white background.

Color Contrast Check

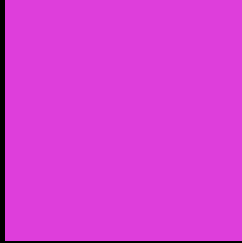
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0893, 0.3233, 0.1745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

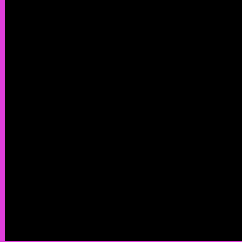
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0893, 0.3233, 0.1745

Background



This preview shows how black text looks on a background with the Yxy color 24.0893, 0.3233, 0.1745.

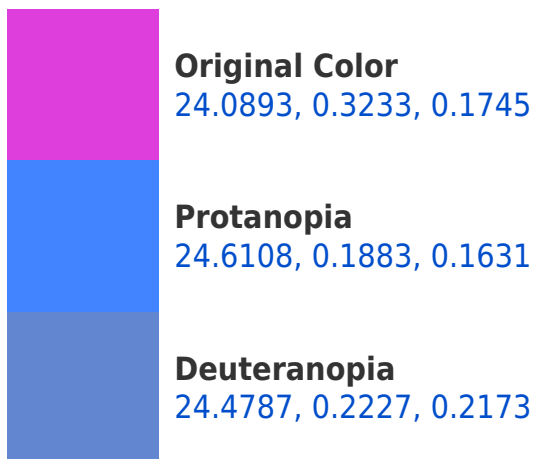


This preview shows how white text looks on a background with the Yxy color 24.0893, 0.3233, 0.1745.

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

24.0917, 0.4520, 0.3209

Trichromacy



Original Color

24.0893, 0.3233, 0.1745



Protanomaly

20.9298, 0.2146, 0.1530



Deuteranomaly

21.3182, 0.2489, 0.1857



Tritanomaly

23.2506, 0.4040, 0.2574

Monochromacy



Original Color

24.0893, 0.3233, 0.1745



Achromatopsia

21.5861, 0.3127, 0.3290



Achromatomaly

20.1552, 0.3180, 0.2438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0893, 0.3233, 0.1745 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(222, 62, 219)` looks like.

```
.text, #text, p{  
    color:rgb(222, 62, 219)  
}
```

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(222, 62, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 62, 219) }
```

Border

The CSS property to change the border of an element to Yxy 24.0893, 0.3233, 0.1745 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(222, 62, 219) }
```

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

```
.border{ border-color:rgb(222, 62, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 62, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 62, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 62, 219);  
box-shadow:4px 4px 4px 4px rgb(222, 62,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0893, 0.3233, 0.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 62, 219) }
```

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

```
.background{ background-color: rgb(222, 62,  
219) }
```

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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