

Converting Colors

$Y_{xy}(24.0654, 0.3225, 0.1930)$

Have a look what the booklet for
Yxy(24.0654, 0.3225, 0.1930)
contains.

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Color

Yxy(24.0042, 0.3225, 0.1930)

Conversions

Conversions Part 1

Format	Color
Hex	D053CD
RGB	208, 83, 205
RGB Percent	82%, 33%, 80%
CMY	0.1845, 0.6742, 0.1962
CMYK	0.00, 0.60, 0.01, 0.18
HSL	301°, 57%, 57%
HSV	301°, 60%, 82%
XYZ	40.1106, 24.0042, 60.2592
YIQ	134.2830, 35.3380, 64.4420

Conversions

Conversions Part 2

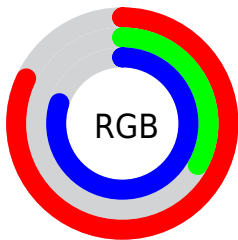
Format	Color
R _Y B	208, 83, 205
Decimal	13652941
CIE Lab	56.09, 64.30, -39.91
CIE LCh	56, 75.676, 328.173
Yxy	24.0042, 0.3225, 0.1930
Android (android.graphics.Color)	4291843021 (0xFFD053CD)
YUV	134.2830, 34.8635, 64.6498
Hunter-Lab	48.9941, 60.3954, -38.6266

Details

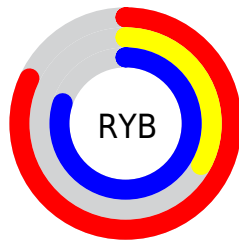
The Yxy color **24.0042, 0.3225, 0.1930** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **47.5994, 0.3024, 0.5178**, and the grayscale version is **23.8168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9452, 0.3179, 0.2178**, and **9.0277, 0.3207, 0.1586** is the 20% darker color. If you saturate the color by 10%, you get **21.2596, 0.3239, 0.1780**, and if you desaturate by 10%, it is **27.7053, 0.3209, 0.2116**.

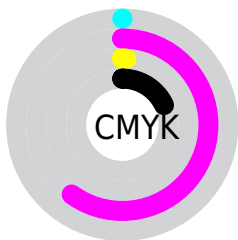
Distribution



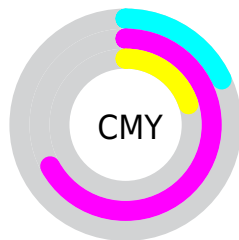
- Red (82%)
- Green (33%)
- Blue (80%)



- Red (82%)
- Yellow (33%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (18%)




- Cyan (18%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0042, 0.3225, 0.1930 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 24.0042, 0.3225, 0.1930 by changing the saturation by 10% instead.


 24.0042, 0.3225,
0.1930


 24.0042, 0.3225,
0.1930

272.8417, 0.3204,
0.2589


 15.3367, 0.3221,
0.1776


 50.0371, 0.3224,
0.2162

 9.0561, 0.3209,
0.1586


 68.1712, 0.3222,
0.2252

 4.7778, 0.3185,
0.1349


 90.2298, 0.3219,
0.2328

 2.1175, 0.3131,
0.1048

 116.5971, 0.3216,
0.2395

 0.6744, 0.3020,
0.0660

147.6575, 0.3213,
0.2452

 0.0000, 0.2822,
0.0000

183.7955, 0.3210,

 0.0000, 0.0865,

0.2503

0.0000

225.3954, 0.3207,
0.2548

0.0000, 0.0000,
0.0000

24.0042, 0.3225,
0.1930

24.0042, 0.3225,
0.1930

21.2596, 0.3239,
0.1780

27.7053, 0.3209,
0.2116

19.3799, 0.3252,
0.1671

32.4369, 0.3193,
0.2331

18.2618, 0.3262,
0.1606

38.2695, 0.3175,
0.2564

17.7135, 0.3270,
0.1575

45.2665, 0.3159,
0.2807

53.4866, 0.3142,
0.3051

■ 62.9844, 0.3127,
0.3289

■ 73.8113, 0.3113,
0.3516

■ 86.0157, 0.3100,
0.3730

■ 89.5465, 0.3095,
0.3780

Harmonies

Analogous

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



24.0042, 0.2102, 0.1595



24.0042, 0.3225, 0.1930



24.0042, 0.4590, 0.2512

Triad

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



24.0042, 0.3225, 0.1930



24.0042, 0.4773, 0.4907



24.0042, 0.1217, 0.2643

Complementary

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



24.0042, 0.3225, 0.1930



47.5994, 0.3024, 0.5178

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.



24.0042, 0.1688, 0.4101



24.0042, 0.3225, 0.1930



24.0042, 0.3728, 0.5659

Square

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



24.0042, 0.3225, 0.1930



24.0042, 0.5489, 0.4019



24.0042, 0.2612, 0.5510



24.0042, 0.1158, 0.1841

Rectangle

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



24.0042, 0.3225, 0.1930



24.0042, 0.5292, 0.2982



24.0042, 0.2612, 0.5510



24.0042, 0.1321, 0.3062

Sweetspot

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



24.0053, 0.3225, 0.1930



74.0599, 0.3156, 0.2852



12.6866, 0.1981, 0.1378



15.0876, 0.3160, 0.2780



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.



24.0053, 0.3225, 0.1930



32.7593, 0.3243, 0.1745



21.5949, 0.4048, 0.2564



12.0040, 0.3141, 0.3066



11.0488, 0.3269, 0.1574



0.6194, 0.3257, 0.1568

Inverse Universe

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



24.0053, 0.3225, 0.1930



32.7593, 0.3243, 0.1745



49.0520, 0.2706, 0.4224



12.0040, 0.3141, 0.3066



11.0488, 0.3269, 0.1574



0.6194, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 24.0042, 0.3225, 0.1930 looks on a white background.

Color Contrast Check

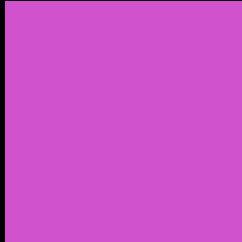
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0042, 0.3225, 0.1930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

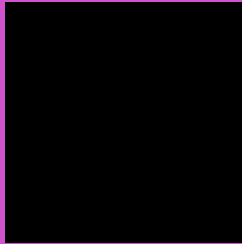
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0042, 0.3225, 0.1930

Background



This preview shows how black text looks on a background with the Yxy color 24.0042, 0.3225, 0.1930.



This preview shows how white text looks on a background with the Yxy color 24.0042, 0.3225, 0.1930.

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

24.0042, 0.3225, 0.1930

Protanopia

24.5058, 0.1935, 0.1696

Deuteranopia

24.2869, 0.2369, 0.2320



Tritanopia

23.9918, 0.4225, 0.3187

Trichromacy



Original Color

24.0042, 0.3225, 0.1930



Protanomaly

22.0718, 0.2213, 0.1699



Deuteranomaly

22.4047, 0.2618, 0.2086



Tritanomaly

23.6184, 0.3858, 0.2667

Monochromacy



Original Color

24.0042, 0.3225, 0.1930



Achromatopsia

23.8398, 0.3127, 0.3290



Achromatomaly

22.3766, 0.3171, 0.2611

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0042, 0.3225, 0.1930 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(208, 83, 205)` looks like.

```
.text, #text, p{  
    color:rgb(208, 83, 205)  
}
```

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(208, 83, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 83, 205) }
```

Border

The CSS property to change the border of an element to Yxy 24.0042, 0.3225, 0.1930 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(208, 83, 205) }
```

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

```
.border{ border-color:rgb(208, 83, 205) }
```

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

Here you see how a box with a 4 pixel rgb(208, 83, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 83, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 83, 205);  
box-shadow:4px 4px 4px 4px rgb(208, 83,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0042, 0.3225, 0.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 83, 205) }
```

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

```
.background{ background-color: rgb(208, 83,  
205) }
```

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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