

Converting Colors

$Y_{xy}(22.6337, 0.3190, 0.1947)$

Have a look what the booklet for
Yxy(22.6337, 0.3190, 0.1947)
contains.

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Color

Yxy(22.6063, 0.3190, 0.1947)

Conversions

Conversions Part 1

Format	Color
Hex	C754C7
RGB	199, 84, 199
RGB Percent	78%, 33%, 78%
CMY	0.2195, 0.6707, 0.2195
CMYK	0.00, 0.58, 0.00, 0.22
HSL	300°, 51%, 55%
HSV	300°, 58%, 78%
XYZ	37.0386, 22.6063, 56.4635
YIQ	131.4950, 31.6250, 60.1450

Conversions

Conversions Part 2

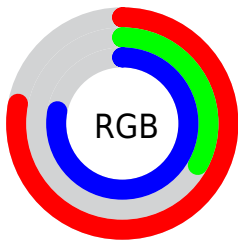
Format	Color
R_{YB}	199, 84, 199
Decimal	13063367
CIE _{Lab}	54.66, 60.62, -38.85
CIE _{LCh}	55, 72.000, 327.348
Yxy	22.6063, 0.3190, 0.1947
Android (android.graphics.Color)	4291253447 (0xFFC754C7)
YUV	131.4950, 33.2800, 59.2019
Hunter-Lab	47.5461, 55.8465, -37.1278

Details

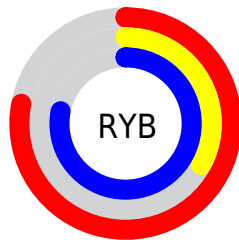
The Yxy color **22.6063, 0.3190, 0.1947** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **43.3861, 0.3041, 0.5136**, and the grayscale version is **22.7522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9452, 0.3179, 0.2178**, and **8.3314, 0.3156, 0.1590** is the 20% darker color. If you saturate the color by 10%, you get **19.9448, 0.3198, 0.1786**, and if you desaturate by 10%, it is **26.1473, 0.3181, 0.2143**.

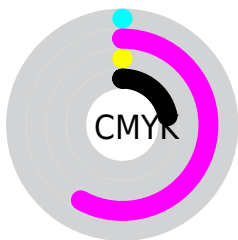
Distribution



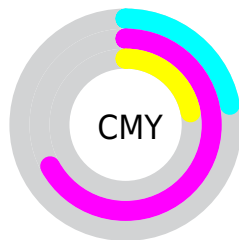
- Red (78%)
- Green (33%)
- Blue (78%)



- Red (78%)
- Yellow (33%)
- Blue (78%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (22%)



- Cyan (22%)
- Magenta (67%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6063, 0.3190, 0.1947 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 22.6063, 0.3190, 0.1947 by changing the saturation by 10% instead.


 22.6063, 0.3190,
0.1947


 22.6063, 0.3190,
0.1947


265.6964, 0.3186,
0.2606

 14.3031, 0.3181,
0.1791


 47.7461, 0.3196,
0.2182

 8.3318, 0.3164,
0.1596


 65.3514, 0.3196,
0.2271

 4.3080, 0.3130,
0.1351


 86.8262, 0.3195,
0.2348

 1.8473, 0.3062,
0.1038

 112.5549, 0.3194,
0.2414

 0.5164, 0.2935,
0.0594

142.9219, 0.3192,
0.2471

 0.0000, 0.2652,
0.0000

178.3115, 0.3190,

 0.0000, 0.0000,

0.2522

0.0000

219.1082, 0.3188,
0.2567

■ 22.6063, 0.3190,
0.1947

■ 22.6063, 0.3190,
0.1947

■ 19.9448, 0.3198,
0.1786

■ 26.1473, 0.3181,
0.2143

■ 18.0833, 0.3203,
0.1666

■ 30.6324, 0.3170,
0.2366

■ 16.9331, 0.3207,
0.1588

■ 36.1236, 0.3159,
0.2606

■ 16.3631, 0.3209,
0.1548

■ 42.6768, 0.3148,
0.2853

■ 16.2682, 0.3209,
0.1541

■ 50.3438, 0.3136,
0.3101

■ 59.1729, 0.3125,
0.3342

■ 69.2098, 0.3114,
0.3571

■ 80.4975, 0.3104,
0.3786

■ 87.7926, 0.3098,
0.3906

Harmonies

Analogous

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



22.6063, 0.2104, 0.1624



22.6063, 0.3190, 0.1947



22.6063, 0.4515, 0.2515

Triad

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



22.6063, 0.3190, 0.1947



22.6063, 0.4774, 0.4862



22.6063, 0.1264, 0.2698

Complementary

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



22.6063, 0.3190, 0.1947



43.3861, 0.3041, 0.5136

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.



22.6063, 0.1747, 0.4123



22.6063, 0.3190, 0.1947



22.6063, 0.3761, 0.5587

Square

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



22.6063, 0.3190, 0.1947



22.6063, 0.5449, 0.3999



22.6063, 0.2665, 0.5457



22.6063, 0.1194, 0.1891

Rectangle

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



22.6063, 0.3190, 0.1947



22.6063, 0.5210, 0.2977



22.6063, 0.2665, 0.5457



22.6063, 0.1374, 0.3112

Sweetspot

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



22.6073, 0.3190, 0.1947



75.3911, 0.3147, 0.2867



12.6484, 0.2021, 0.1479



15.5984, 0.3149, 0.2817



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.



22.6073, 0.3190, 0.1947



34.0750, 0.3199, 0.1756



20.4803, 0.3934, 0.2540



10.8166, 0.3138, 0.3062



10.4570, 0.3209, 0.1541



0.4952, 0.3209, 0.1541

Inverse Universe

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



19.1243, 0.4881, 0.3295



27.4247, 0.5464, 0.3297



44.6270, 0.2737, 0.4244



10.6370, 0.3290, 0.3290



7.8077, 0.6401, 0.3300



0.3697, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 22.6063, 0.3190, 0.1947 looks on a white background.

Color Contrast Check

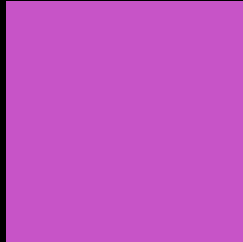
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6063, 0.3190, 0.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

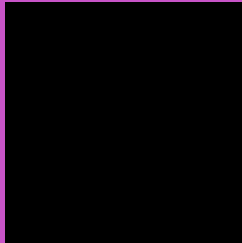
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6063, 0.3190, 0.1947

Background



This preview shows how black text looks on a background with the Yxy color 22.6063, 0.3190, 0.1947.



This preview shows how white text looks on a background with the Yxy color 22.6063, 0.3190, 0.1947.

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

22.6063, 0.3190, 0.1947

Protanopia

23.1892, 0.1965, 0.1739

Deuteranopia

22.8527, 0.2374, 0.2314



Tritanopia

22.5720, 0.4136, 0.3182

Trichromacy



Original Color

22.6063, 0.3190, 0.1947



Protanomaly

21.0351, 0.2237, 0.1734



Deuteranomaly

21.2807, 0.2607, 0.2097



Tritanomaly

22.3365, 0.3775, 0.2665

Monochromacy



Original Color

22.6063, 0.3190, 0.1947



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.5028, 0.3158, 0.2639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6063, 0.3190, 0.1947 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(199, 84, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 84, 199)  
}
```

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(199, 84, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 84, 199) }
```

Border

The CSS property to change the border of an element to Yxy 22.6063, 0.3190, 0.1947 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(199, 84, 199) }
```

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

```
.border{ border-color:rgb(199, 84, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 84, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 84, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 84, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 84,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6063, 0.3190, 0.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 84, 199) }
```

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

```
.background{ background-color: rgb(199, 84,  
199) }
```

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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