

Converting Colors

$Y_{xy}(22.4546, 0.4175, 0.2896)$

Have a look what the booklet for
Yxy(22.4546, 0.4175, 0.2896)
contains.

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Color

Yxy(22.4546, 0.4175, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	CA607F
RGB	202, 96, 127
RGB Percent	79%, 38%, 50%
CMY	0.2078, 0.6235, 0.5019
CMYK	0.00, 0.52, 0.37, 0.21
HSL	342°, 50%, 58%
HSV	342°, 52%, 79%
XYZ	32.3715, 22.4546, 22.7105
YIQ	131.2280, 53.2250, 32.1130

Conversions

Conversions Part 2

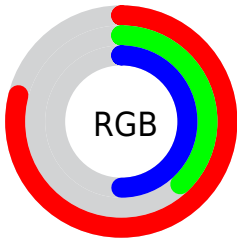
Format	Color
R_{YB}	202, 96, 127
Decimal	13262975
CIE _{Lab}	54.51, 45.27, 2.95
CIE _{LCh}	55, 45.367, 3.732
Yxy	22.4546, 0.4175, 0.2896
Android (android.graphics.Color)	4291453055 (0xFFCA607F)
YUV	131.2280, -2.0844, 62.0670
Hunter-Lab	47.3863, 39.0147, 4.7549

Details

The Yxy color **22.4546, 0.4175, 0.2896** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **47.6685, 0.2623, 0.3755**, and the grayscale version is **22.7770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3680, 0.3878, 0.2978**, and **8.2071, 0.4578, 0.2734** is the 20% darker color. If you saturate the color by 10%, you get **18.8846, 0.4503, 0.2845**, and if you desaturate by 10%, it is **27.0267, 0.3890, 0.2965**.

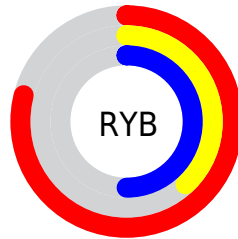
Distribution



Red (79%)

Green (38%)

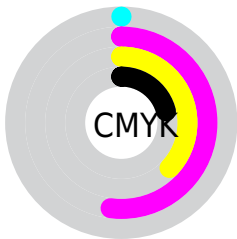
Blue (50%)



Red (79%)

Yellow (38%)

Blue (50%)

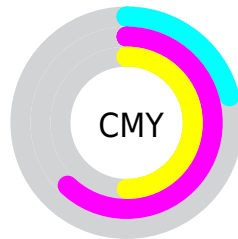


Cyan (0%)

Magenta (52%)

Yellow (37%)

Black (21%)



Cyan (21%)


Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4546, 0.4175, 0.2896 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 22.4546, 0.4175, 0.2896 by changing the saturation by 10% instead.


 22.4546, 0.4175,
0.2896


 22.4546, 0.4175,
0.2896


264.9112, 0.3588,
0.3121


 14.1913, 0.4346,
0.2829


 47.4962, 0.3945,
0.2986


 8.2538, 0.4581,
0.2734


 65.0433, 0.3864,
0.3017

 4.2578, 0.4924,
0.2594

 86.4538, 0.3797,
0.3042

 1.8188, 0.5466,
0.2367

 112.1121, 0.3741,
0.3063

 0.4988, 0.6848,
0.1882

142.4026, 0.3694,
0.3081

 0.0000, 1.0000,
0.0000

177.7097, 0.3654,

 0.0000, 0.0000,

0.3097

0.0000

218.4178, 0.3619,
0.3110

■ 22.4546, 0.4175,
0.2896

■ 22.4546, 0.4175,
0.2896

■ 18.8846, 0.4503,
0.2845

■ 27.0267, 0.3890,
0.2965

■ 16.2368, 0.4863,
0.2822

■ 32.6656, 0.3650,
0.3043

■ 14.4249, 0.5231,
0.2840

■ 39.4348, 0.3451,
0.3122

■ 13.3444, 0.5576,
0.2903

■ 47.3917, 0.3288,
0.3199

■ 12.8734, 0.5804,
0.2971

■ 56.5899, 0.3156,
0.3273

67.0796, 0.3048,
0.3341

78.9083, 0.2960,
0.3403

90.4478, 0.2887,
0.3433

91.2967, 0.2816,
0.3289

Harmonies

Analogous

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



22.4546, 0.3373, 0.2434



22.4546, 0.4175, 0.2896



22.4546, 0.4668, 0.3457

Triad

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



22.4546, 0.4175, 0.2896



22.4546, 0.3507, 0.4784



22.4546, 0.1775, 0.2292

Complementary

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



22.4546, 0.4175, 0.2896



47.6685, 0.2623, 0.3755

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.



22.4546, 0.1797, 0.2813



22.4546, 0.4175, 0.2896



22.4546, 0.2743, 0.4442

Square

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



22.4546, 0.4175, 0.2896



22.4546, 0.4211, 0.4562



22.4546, 0.2126, 0.3628



22.4546, 0.2041, 0.2086

Rectangle

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



22.4546, 0.4175, 0.2896



22.4546, 0.4717, 0.3850



22.4546, 0.2126, 0.3628



22.4546, 0.1749, 0.2429

Sweetspot

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



22.4558, 0.4175, 0.2896



74.9529, 0.3346, 0.3171



21.1993, 0.2835, 0.1910



15.4395, 0.3379, 0.3155



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.



22.4558, 0.4175, 0.2896



31.2612, 0.4551, 0.2839



26.1713, 0.4475, 0.3565



11.2668, 0.3245, 0.3222



8.2974, 0.5769, 0.2952



0.4414, 0.5200, 0.2638

Inverse Universe

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



22.4558, 0.4175, 0.2896



31.2612, 0.4551, 0.2839



39.7184, 0.2394, 0.2974



11.2668, 0.3245, 0.3222



8.2974, 0.5769, 0.2952



0.4414, 0.5200, 0.2638

Previews

White Background



This preview shows how the Yxy color 22.4546, 0.4175, 0.2896 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 22.4546, 0.4175, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

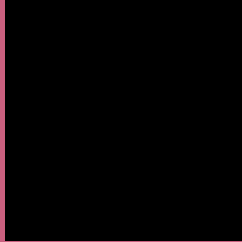
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.4546, 0.4175, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 22.4546, 0.4175, 0.2896.



This preview shows how white text looks on a background with the Yxy color 22.4546, 0.4175, 0.2896.

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

22.4546, 0.4175, 0.2896

Protanopia

22.6610, 0.2929, 0.2997

Deuteranopia

22.5299, 0.3429, 0.3358



Tritanopia

22.4552, 0.4427, 0.3204

Trichromacy



Original Color

22.4546, 0.4175, 0.2896

Protanomaly

21.8189, 0.3330, 0.2938

Deuteranomaly

21.9322, 0.3694, 0.3152

Tritanomaly

22.5561, 0.4342, 0.3100

Monochromacy



Original Color

22.4546, 0.4175, 0.2896

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.7367, 0.3479, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4546, 0.4175, 0.2896 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(202, 96, 127)` looks like.

```
.text, #text, p{  
    color:rgb(202, 96, 127)  
}
```

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(202, 96, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 96, 127) }
```

Border

The CSS property to change the border of an element to Yxy 22.4546, 0.4175, 0.2896 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(202, 96, 127) }
```

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

```
.border{ border-color:rgb(202, 96, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 96, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 96, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 96, 127);  
box-shadow:4px 4px 4px 4px rgb(202, 96,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4546, 0.4175, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 96, 127) }
```

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

```
.background{ background-color: rgb(202, 96,  
127) }
```

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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