

Converting Colors

$Y_{xy}(22.5411, 0.3601, 0.2450)$

Have a look what the booklet for
Yxy(22.5411, 0.3601, 0.2450)
contains.

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Color

Yxy(22.5411, 0.3601, 0.2450)

Conversions

Conversions Part 1

Format	Color
Hex	C360A1
RGB	195, 96, 161
RGB Percent	76%, 38%, 63%
CMY	0.2351, 0.6236, 0.3685
CMYK	0.00, 0.51, 0.17, 0.24
HSL	321°, 45%, 57%
HSV	321°, 51%, 76%
XYZ	33.1308, 22.5411, 36.3326
YIQ	133.0110, 38.1390, 41.2030

Conversions

Conversions Part 2

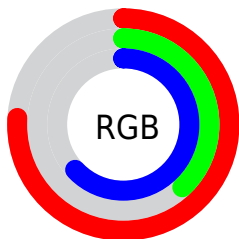
Format	Color
R_{YB}	195, 96, 161
Decimal	12804257
CIE _{Lab}	54.60, 47.59, -17.00
CIE _{LCh}	55, 50.536, 340.339
Yxy	22.5411, 0.3601, 0.2450
Android (android.graphics.Color)	4290994337 (0xFFC360A1)
YUV	133.0110, 13.7986, 54.3644
Hunter-Lab	47.4775, 41.4756, -12.1380

Details

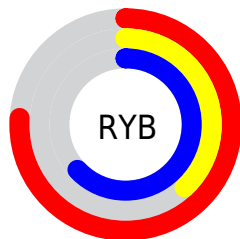
The Yxy color **22.5411, 0.3601, 0.2450** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **43.1453, 0.2853, 0.4338**, and the grayscale version is **23.3970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.6532, 0.3501, 0.2615**, and **8.3208, 0.3764, 0.2195** is the 20% darker color. If you saturate the color by 10%, you get **19.1851, 0.3736, 0.2313**, and if you desaturate by 10%, it is **26.7946, 0.3479, 0.2608**.

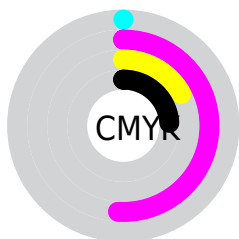
Distribution



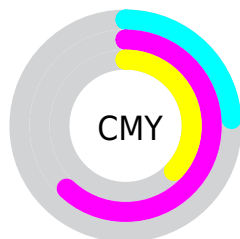
- Red (76%)
- Green (38%)
- Blue (63%)



- Red (76%)
- Yellow (38%)
- Blue (63%)



- Cyan (0%)
- Magenta (51%)
- Yellow (17%)
- Black (24%)





- Cyan (24%)
- Magenta (62%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5411, 0.3601, 0.2450 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 22.5411, 0.3601, 0.2450 by changing the saturation by 10% instead.


 22.5411, 0.3601,
0.2450


 22.5411, 0.3601,
0.2450


265.3592, 0.3351,
0.2888

 14.2550, 0.3667,
0.2335


 47.6387, 0.3507,
0.2613

 8.2983, 0.3755,
0.2185


 65.2190, 0.3473,
0.2673

 4.2864, 0.3876,
0.1982


 86.6662, 0.3444,
0.2724

 1.8350, 0.4051,
0.1691

 112.3647, 0.3420,
0.2767

 0.5089, 0.4374,
0.1154

142.6988, 0.3399,
0.2803

 0.0000, 0.5247,
0.0000

178.0530, 0.3381,

 0.0000, 0.0000,

0.2835

0.0000

218.8117, 0.3365,
0.2863

■ 22.5411, 0.3601,
0.2450

■ 22.5411, 0.3601,
0.2450

■ 19.1851, 0.3736,
0.2313

■ 26.7946, 0.3479,
0.2608

■ 16.6566, 0.3881,
0.2207

■ 32.0023, 0.3372,
0.2777

■ 14.8805, 0.4031,
0.2143

■ 38.2199, 0.3279,
0.2948

■ 13.7664, 0.4182,
0.2128

■ 45.4979, 0.3199,
0.3116

■ 13.1678, 0.4318,
0.2152

■ 53.8836, 0.3132,
0.3278

■ 63.4212, 0.3076,
0.3430

■ 74.1525, 0.3029,
0.3571

■ 86.1173, 0.2989,
0.3702

■ 88.3640, 0.2953,
0.3657

Harmonies

Analogous

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



22.5411, 0.2704, 0.2094



22.5411, 0.3601, 0.2450



22.5411, 0.4455, 0.2976

Triad

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



22.5411, 0.3601, 0.2450



22.5411, 0.4146, 0.4777



22.5411, 0.1642, 0.2593

Complementary

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



22.5411, 0.3601, 0.2450



43.1453, 0.2853, 0.4338

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.



22.5411, 0.1914, 0.3439



22.5411, 0.3601, 0.2450



22.5411, 0.3339, 0.4942

Square

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



22.5411, 0.3601, 0.2450



22.5411, 0.4731, 0.4229



22.5411, 0.2521, 0.4417



22.5411, 0.1691, 0.2114

Rectangle

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



22.5411, 0.3601, 0.2450



22.5411, 0.4802, 0.3381



22.5411, 0.2521, 0.4417



22.5411, 0.1695, 0.2837

Sweetspot

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



22.5422, 0.3601, 0.2450



75.4265, 0.3233, 0.3042



16.9694, 0.2462, 0.1810



15.9091, 0.3250, 0.3006



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.



22.5422, 0.3601, 0.2450



33.7504, 0.3752, 0.2299



21.1489, 0.4310, 0.3075



10.1868, 0.3189, 0.3140



8.5707, 0.4299, 0.2142



0.3828, 0.3997, 0.1976

Inverse Universe

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



22.5422, 0.3601, 0.2450



33.7504, 0.3752, 0.2299



44.7695, 0.2563, 0.3538



10.1868, 0.3189, 0.3140



8.5707, 0.4299, 0.2142



0.3828, 0.3997, 0.1976

Previews

White Background



This preview shows how the Yxy color 22.5411, 0.3601, 0.2450 looks on a white background.

Color Contrast Check

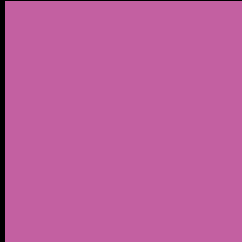
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5411, 0.3601, 0.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

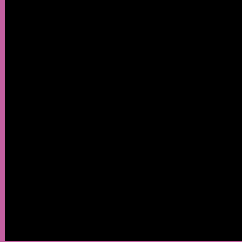
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5411, 0.3601, 0.2450

Background



This preview shows how black text looks on a background with the Yxy color 22.5411, 0.3601, 0.2450.



This preview shows how white text looks on a background with the Yxy color 22.5411, 0.3601, 0.2450.

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

22.5411, 0.3601, 0.2450

Protanopia

22.7807, 0.2469, 0.2388

Deuteranopia

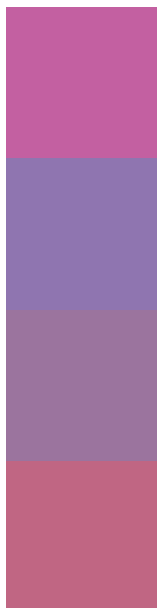
22.7442, 0.2883, 0.2822



Tritanopia

22.4701, 0.4168, 0.3183

Trichromacy



Original Color

22.5411, 0.3601, 0.2450

Protanomaly

21.6968, 0.2801, 0.2381

Deuteranomaly

21.9280, 0.3122, 0.2640

Tritanomaly

22.3479, 0.3967, 0.2898

Monochromacy



Original Color

22.5411, 0.3601, 0.2450

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.4840, 0.3303, 0.2925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5411, 0.3601, 0.2450 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(195, 96, 161)` looks like.

```
.text, #text, p{  
    color:rgb(195, 96, 161)  
}
```

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(195, 96, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 96, 161) }
```

Border

The CSS property to change the border of an element to Yxy 22.5411, 0.3601, 0.2450 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(195, 96, 161) }
```

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

```
.border{ border-color:rgb(195, 96, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 96, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 96, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 96, 161);  
box-shadow:4px 4px 4px 4px rgb(195, 96,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5411, 0.3601, 0.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 96, 161) }
```

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

```
.background{ background-color: rgb(195, 96,  
161) }
```

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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