

Converting Colors

$Y_{xy}(22.6306, 0.3529, 0.2610)$

Have a look what the booklet for
Yxy(22.6306, 0.3529, 0.2610)
contains.

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Color

Yxy(22.6266, 0.3539, 0.2613)

Conversions

Conversions Part 1

Format	Color
Hex	B8699A
RGB	184, 105, 154
RGB Percent	72%, 41%, 60%
CMY	0.2786, 0.5881, 0.3961
CMYK	0.00, 0.43, 0.16, 0.28
HSL	323°, 36%, 57%
HSV	323°, 43%, 72%
XYZ	30.6451, 22.6266, 33.3208
YIQ	134.2070, 31.3550, 31.9870

Conversions

Conversions Part 2

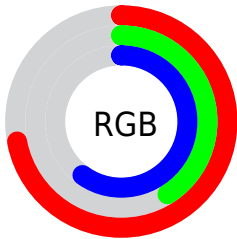
Format	Color
RYB	184, 105, 154
Decimal	12085658
CIELab	54.69, 38.18, -12.90
CIELCh	55, 40.298, 341.323
Yxy	22.6266, 0.3539, 0.2613
Android (android.graphics.Color)	4290275738 (0xFFB8699A)
YUV	134.2070, 9.7579, 43.6685
Hunter-Lab	47.5674, 31.7547, -8.2352

Details

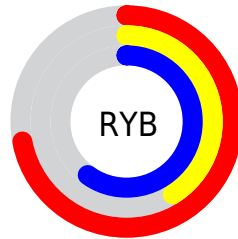
The Yxy color **22.6266, 0.3539, 0.2613** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.0215, 0.2866, 0.4092**, and the grayscale version is **23.8765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7086, 0.3455, 0.2753**, and **8.3788, 0.3675, 0.2393** is the 20% darker color. If you saturate the color by 10%, you get **19.0497, 0.3677, 0.2466**, and if you desaturate by 10%, it is **27.0298, 0.3417, 0.2772**.

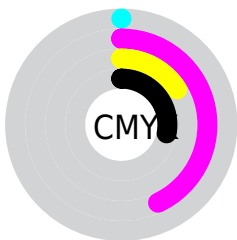
Distribution



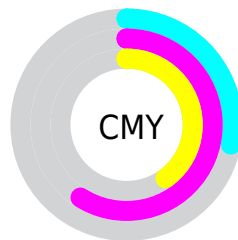
- Red (72%)
- Green (41%)
- Blue (60%)



- Red (72%)
- Yellow (41%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (16%)
- Black (28%)



- Cyan (28%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6266, 0.3539, 0.2613 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 22.6266, 0.3539, 0.2613 by changing the saturation by 10% instead.


 22.6266, 0.3539,
0.2613


 22.6266, 0.3539,
0.2613


265.8013, 0.3318,
0.2972


 14.3180, 0.3599,
0.2517


 47.7795, 0.3455,
0.2749

 8.3422, 0.3680,
0.2388


 65.3926, 0.3425,
0.2798

 4.3147, 0.3794,
0.2211


 86.8760, 0.3399,
0.2839

 1.8511, 0.3965,
0.1949

 112.6141, 0.3378,
0.2874

 0.5187, 0.4304,
0.1422

142.9913, 0.3360,
0.2904

 0.0000, 0.5876,
0.0000

178.3919, 0.3344,

 0.0000, 0.0000,

0.2930

0.0000

219.2005, 0.3330,
0.2952

■ 22.6266, 0.3539,
0.2613

■ 22.6266, 0.3539,
0.2613

■ 19.0497, 0.3677,
0.2466

■ 27.0298, 0.3417,
0.2772

■ 16.2429, 0.3831,
0.2341

■ 32.3045, 0.3312,
0.2934

■ 14.1480, 0.3996,
0.2250


■ 38.4962, 0.3222,
0.3093

■ 12.6971, 0.4167,
0.2202

■ 45.6463, 0.3147,
0.3247

■ 11.8088, 0.4337,
0.2204


■ 53.7939, 0.3083,
0.3392

 11.4038, 0.4457,
0.2229

 62.9757, 0.3031,
0.3527

 73.2266, 0.2987,
0.3652

 84.5798, 0.2950,
0.3767

 86.7088, 0.2914,
0.3714

Harmonies

Analogous

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



22.6266, 0.2815, 0.2304



22.6266, 0.3539, 0.2613



22.6266, 0.4203, 0.3067

Triad

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



22.6266, 0.3539, 0.2613



22.6266, 0.3967, 0.4516



22.6266, 0.1896, 0.2730

Complementary

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



22.6266, 0.3539, 0.2613



39.0215, 0.2866, 0.4092

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.



22.6266, 0.2130, 0.3400



22.6266, 0.3539, 0.2613



22.6266, 0.3307, 0.4577

Square

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



22.6266, 0.3539, 0.2613



22.6266, 0.4431, 0.4117



22.6266, 0.2635, 0.4142



22.6266, 0.1941, 0.2325

Rectangle

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



22.6266, 0.3539, 0.2613



22.6266, 0.4474, 0.3414



22.6266, 0.2635, 0.4142



22.6266, 0.1942, 0.2928

Sweetspot

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



22.6277, 0.3539, 0.2613



69.4419, 0.3225, 0.3089



18.6338, 0.2619, 0.2074



14.4091, 0.3243, 0.3054



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.6277, 0.3539, 0.2613



35.1641, 0.3662, 0.2481



21.5453, 0.4075, 0.3143



9.1033, 0.3194, 0.3149



7.8766, 0.4438, 0.2218



0.2893, 0.4043, 0.2001

Inverse Universe

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



22.6277, 0.3539, 0.2613



35.1641, 0.3662, 0.2481



40.3065, 0.2616, 0.3451



9.1033, 0.3194, 0.3149



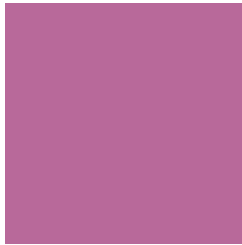
7.8766, 0.4438, 0.2218



0.2893, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 22.6266, 0.3539, 0.2613 looks on a white background.

Color Contrast Check

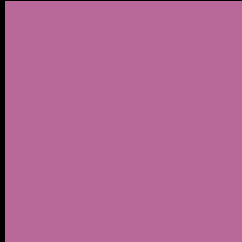
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6266, 0.3539, 0.2613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

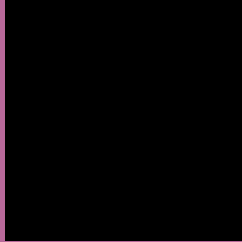
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6266, 0.3539, 0.2613

Background



This preview shows how black text looks on a background with the Yxy color 22.6266, 0.3539, 0.2613.



This preview shows how white text looks on a background with the Yxy color 22.6266, 0.3539, 0.2613.

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

22.6266, 0.3539, 0.2613

Protanopia

22.8986, 0.2631, 0.2611

Deuteranopia

22.7912, 0.2975, 0.2921



Tritanopia

22.6477, 0.3927, 0.3176

Trichromacy



Original Color

22.6266, 0.3539, 0.2613

Protanomaly

22.2310, 0.2910, 0.2592

Deuteranomaly

22.4396, 0.3174, 0.2800

Tritanomaly

22.4270, 0.3787, 0.2960

Monochromacy



Original Color

22.6266, 0.3539, 0.2613

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.7644, 0.3273, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6266, 0.3539, 0.2613 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(184, 105, 154)` looks like.

```
.text, #text, p{  
    color:rgb(184, 105, 154)  
}
```

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(184, 105, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 105, 154) }
```

Border

The CSS property to change the border of an element to Yxy 22.6266, 0.3539, 0.2613 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(184, 105, 154) }
```

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

```
.border{ border-color:rgb(184, 105, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 105, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 105, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 105, 154); box-shadow:4px 4px 4px 4px rgb(184, 105, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6266, 0.3539, 0.2613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 105, 154) }
```

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

```
.background{ background-color: rgb(184,  
105, 154) }
```

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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