

Converting Colors

$Y_{xy}(21.6556, 0.3692, 0.2716)$

Have a look what the booklet for
Yxy(21.6556, 0.3692, 0.2716)
contains.

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Color

Yxy(21.6763, 0.3695, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	B8668F
RGB	184, 102, 143
RGB Percent	72%, 40%, 56%
CMY	0.2784, 0.6000, 0.4391
CMYK	0.00, 0.45, 0.22, 0.28
HSL	330°, 37%, 56%
HSV	330°, 45%, 72%
XYZ	29.4788, 21.6763, 28.6252
YIQ	131.1920, 35.7110, 30.1350

Conversions

Conversions Part 2

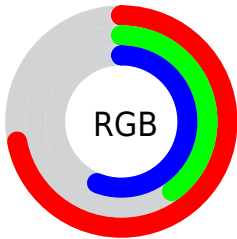
Format	Color
RYB	184, 102, 143
Decimal	12084879
CIELab	53.68, 38.10, -7.98
CIELCh	54, 38.924, 348.167
Yxy	21.6763, 0.3695, 0.2717
Android (android.graphics.Color)	4290274959 (0xFFB8668F)
YUV	131.1920, 5.8213, 46.3126
Hunter-Lab	46.5578, 31.5439, -3.8628

Details

The Yxy color **21.6763, 0.3695, 0.2717** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.0910, 0.2793, 0.3959**, and the grayscale version is **22.7391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3512, 0.3574, 0.2836**, and **7.9134, 0.3903, 0.2520** is the 20% darker color. If you saturate the color by 10%, you get **18.1858, 0.3888, 0.2600**, and if you desaturate by 10%, it is **25.9943, 0.3528, 0.2846**.

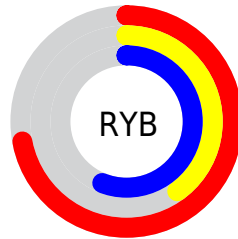
Distribution



Red (72%)

Green (40%)

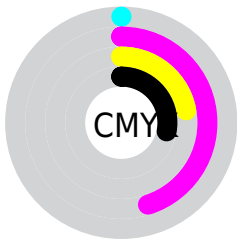
Blue (56%)



Red (72%)

Yellow (40%)

Blue (56%)

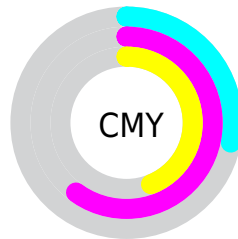


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (28%)



Cyan (28%)


Magenta (60%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6763, 0.3695, 0.2717 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 21.6763, 0.3695, 0.2717 by changing the saturation by 10% instead.


 21.6763, 0.3695,
0.2717


 21.6763, 0.3695,
0.2717


260.8511, 0.3382,
0.3027


 13.6192, 0.3784,
0.2631


 46.2104, 0.3573,
0.2836

 7.8563, 0.3907,
0.2515


 63.4562, 0.3530,
0.2878

 4.0032, 0.4085,
0.2351

 84.5338, 0.3494,
0.2914

 1.6753, 0.4365,
0.2101

 109.8275, 0.3465,
0.2944

 0.4076, 0.5005,
0.1444

139.7216, 0.3439,
0.2969

 0.0000, 1.0000,
0.0000

174.6007, 0.3417,

 0.0000, 0.0000,

0.2991

0.0000

214.8491, 0.3398,
0.3010

■ 21.6763, 0.3695,
0.2717

■ 21.6763, 0.3695,
0.2717

■ 18.1858, 0.3888,
0.2600

■ 25.9943, 0.3528,
0.2846

■ 15.4656, 0.4106,
0.2505

■ 31.1862, 0.3385,
0.2979

■ 13.4557, 0.4342,
0.2445

■ 37.2982, 0.3266,
0.3110

■ 12.0861, 0.4587,
0.2431

■ 44.3728, 0.3167,
0.3235

■ 11.2720, 0.4828,
0.2470


■ 52.4495, 0.3084,
0.3353

 10.9647, 0.4958,
0.2505

 61.5657, 0.3016,
0.3463

 71.7568, 0.2960,
0.3564

 83.0566, 0.2913,
0.3657

 87.1903, 0.2868,
0.3612

Harmonies

Analogous

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



21.6763, 0.2976, 0.2375



21.6763, 0.3695, 0.2717



21.6763, 0.4292, 0.3187

Triad

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



21.6763, 0.3695, 0.2717



21.6763, 0.3816, 0.4544



21.6763, 0.1903, 0.2626

Complementary

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



21.6763, 0.3695, 0.2717



39.0910, 0.2793, 0.3959

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.



21.6763, 0.2071, 0.3232



21.6763, 0.3695, 0.2717



21.6763, 0.3149, 0.4494

Square

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



21.6763, 0.3695, 0.2717



21.6763, 0.4330, 0.4210



21.6763, 0.2512, 0.3970



21.6763, 0.2009, 0.2291

Rectangle

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



21.6763, 0.3695, 0.2717



21.6763, 0.4495, 0.3535



21.6763, 0.2512, 0.3970



21.6763, 0.1928, 0.2800

Sweetspot

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



21.6773, 0.3695, 0.2717



69.2365, 0.3252, 0.3127



18.6819, 0.2697, 0.2056



14.3581, 0.3275, 0.3099



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.



21.6773, 0.3695, 0.2717



33.3500, 0.3874, 0.2607



20.6801, 0.4272, 0.3274



9.0851, 0.3212, 0.3176



7.5705, 0.4931, 0.2490



0.2794, 0.4373, 0.2182

Inverse Universe

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



21.6773, 0.3695, 0.2717



33.3500, 0.3874, 0.2607



40.5122, 0.2543, 0.3309



9.0851, 0.3212, 0.3176



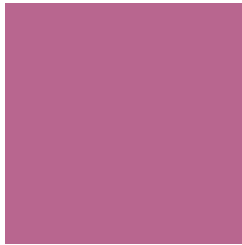
7.5705, 0.4931, 0.2490



0.2794, 0.4373, 0.2182

Previews

White Background



This preview shows how the Yxy color 21.6763, 0.3695, 0.2717 looks on a white background.

Color Contrast Check

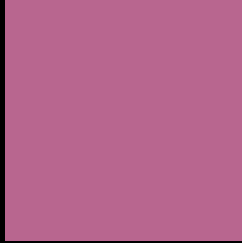
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6763, 0.3695, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

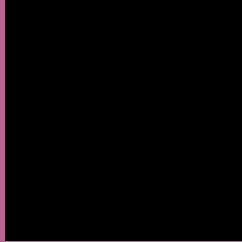
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6763, 0.3695, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 21.6763, 0.3695, 0.2717.



This preview shows how white text looks on a background with the Yxy color 21.6763, 0.3695, 0.2717.

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

21.6763, 0.3695, 0.2717

Protanopia

21.7818, 0.2730, 0.2726

Deuteranopia

21.8497, 0.3115, 0.3050



Tritanopia

21.5770, 0.4035, 0.3177

Trichromacy



Original Color

21.6763, 0.3695, 0.2717

Protanomaly

21.2193, 0.3036, 0.2705

Deuteranomaly

21.4861, 0.3319, 0.2920

Tritanomaly

21.5289, 0.3914, 0.3005

Monochromacy



Original Color

21.6763, 0.3695, 0.2717

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.6662, 0.3325, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6763, 0.3695, 0.2717 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, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(184, 102, 143)  
}
```

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, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 102, 143) }
```

Border

The CSS property to change the border of an element to Yxy 21.6763, 0.3695, 0.2717 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, 102, 143) }
```

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

```
.border{ border-color:rgb(184, 102, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 102, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(184, 102,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6763, 0.3695, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 102, 143) }
```

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

```
.background{ background-color: rgb(184,  
102, 143) }
```

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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