

Converting Colors

$Y_{xy}(21.6924, 0.3678, 0.2541)$

Have a look what the booklet for
Yxy(21.6924, 0.3678, 0.2541)
contains.

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Color

Yxy(21.7091, 0.3674, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	BF6098
RGB	191, 96, 152
RGB Percent	75%, 38%, 60%
CMY	0.2509, 0.6236, 0.4038
CMYK	0.00, 0.50, 0.20, 0.25
HSL	325°, 43%, 56%
HSV	325°, 50%, 75%
XYZ	31.3396, 21.7091, 32.2523
YIQ	130.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

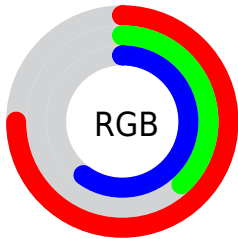
Format	Color
R_{YB}	191, 96, 152
Decimal	12542104
CIE _{Lab}	53.72, 44.92, -13.12
CIE _{LCh}	54, 46.798, 343.720
Yxy	21.7091, 0.3674, 0.2545
Android (android.graphics.Color)	4290732184 (0xFFBF6098)
YUV	130.7890, 10.4570, 52.8050
Hunter-Lab	46.5930, 38.5256, -8.4262

Details

The Yxy color **21.7091, 0.3674, 0.2545** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **41.5021, 0.2817, 0.4201**, and the grayscale version is **22.5699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0909, 0.3562, 0.2693**, and **7.8918, 0.3864, 0.2303** is the 20% darker color. If you saturate the color by 10%, you get **18.3898, 0.3838, 0.2418**, and if you desaturate by 10%, it is **25.8941, 0.3528, 0.2690**.

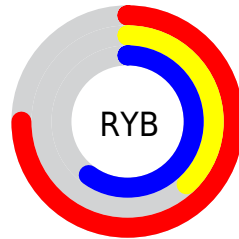
Distribution



Red (75%)

Green (38%)

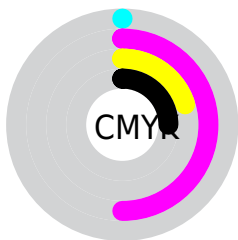
Blue (60%)



Red (75%)

Yellow (38%)

Blue (60%)

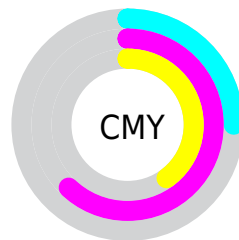


Cyan (0%)

Magenta (50%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (62%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7091, 0.3674, 0.2545 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 21.7091, 0.3674, 0.2545 by changing the saturation by 10% instead.


 21.7091, 0.3674,
0.2545


 21.7091, 0.3674,
0.2545


261.0233, 0.3378,
0.2940


 13.6433, 0.3756,
0.2439


 46.2647, 0.3561,
0.2694


 7.8730, 0.3866,
0.2298


 63.5234, 0.3520,
0.2749

 4.0138, 0.4022,
0.2103


 84.6151, 0.3486,
0.2794

 1.6813, 0.4259,
0.1818

 109.9242, 0.3458,
0.2832

 0.4115, 0.4760,
0.1175

139.8352, 0.3434,
0.2865

 0.0000, 0.7315,
0.0000

174.7325, 0.3413,

 0.0000, 0.0000,

0.2894

0.0000

215.0004, 0.3394,
0.2918

■ 21.7091, 0.3674,
0.2545

■ 21.7091, 0.3674,
0.2545

■ 18.3898, 0.3838,
0.2418

■ 25.8941, 0.3528,
0.2690

■ 15.8704, 0.4017,
0.2321

■ 30.9982, 0.3402,
0.2844

■ 14.0805, 0.4205,
0.2266


■ 37.0741, 0.3293,
0.2999

■ 12.9361, 0.4395,
0.2260

■ 44.1694, 0.3202,
0.3150

■ 12.2769, 0.4582,
0.2299


■ 52.3288, 0.3125,
0.3294

 12.2618, 0.4587,
0.2300

 61.5943, 0.3061,
0.3429

 72.0055, 0.3008,
0.3554

 83.6001, 0.2964,
0.3670

 87.9023, 0.2924,
0.3645

Harmonies

Analogous

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



21.7091, 0.2819, 0.2182



21.7091, 0.3674, 0.2545



21.7091, 0.4443, 0.3063

Triad

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



21.7091, 0.3674, 0.2545



21.7091, 0.4022, 0.4738



21.7091, 0.1708, 0.2571

Complementary

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



21.7091, 0.3674, 0.2545



41.5021, 0.2817, 0.4201

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.



21.7091, 0.1937, 0.3333



21.7091, 0.3674, 0.2545



21.7091, 0.3248, 0.4809

Square

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



21.7091, 0.3674, 0.2545



21.7091, 0.4602, 0.4259



21.7091, 0.2484, 0.4247



21.7091, 0.1786, 0.2149

Rectangle

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



21.7091, 0.3674, 0.2545



21.7091, 0.4733, 0.3455



21.7091, 0.2484, 0.4247



21.7091, 0.1749, 0.2789

Sweetspot

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



21.7101, 0.3674, 0.2545



71.8866, 0.3250, 0.3067



17.1951, 0.2546, 0.1869



15.2039, 0.3270, 0.3035



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



21.7101, 0.3674, 0.2545



32.3144, 0.3859, 0.2405



20.4727, 0.4367, 0.3165



9.6282, 0.3199, 0.3156



8.0735, 0.4563, 0.2287



0.3289, 0.4156, 0.2063

Inverse Universe

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



21.7101, 0.3674, 0.2545



32.3144, 0.3859, 0.2405



43.1104, 0.2536, 0.3433



9.6282, 0.3199, 0.3156



8.0735, 0.4563, 0.2287



0.3289, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 21.7091, 0.3674, 0.2545 looks on a white background.

Color Contrast Check

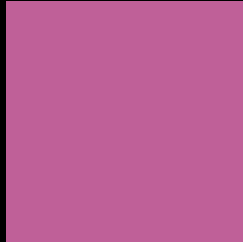
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7091, 0.3674, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

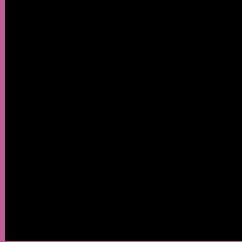
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7091, 0.3674, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 21.7091, 0.3674, 0.2545.



This preview shows how white text looks on a background with the Yxy color 21.7091, 0.3674, 0.2545.

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

21.7091, 0.3674, 0.2545

Protanopia

21.9477, 0.2564, 0.2509

Deuteranopia

22.0148, 0.2983, 0.2932



Tritanopia

21.6353, 0.4171, 0.3181

Trichromacy



Original Color

21.7091, 0.3674, 0.2545



Protanomaly

21.0836, 0.2898, 0.2498



Deuteranomaly

21.3014, 0.3214, 0.2752



Tritanomaly

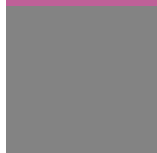
21.5310, 0.3979, 0.2931

Monochromacy



Original Color

21.7091, 0.3674, 0.2545



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.5933, 0.3317, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7091, 0.3674, 0.2545 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(191, 96, 152)` looks like.

```
.text, #text, p{  
    color:rgb(191, 96, 152)  
}
```

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(191, 96, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 96, 152) }
```

Border

The CSS property to change the border of an element to Yxy 21.7091, 0.3674, 0.2545 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(191, 96, 152) }
```

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

```
.border{ border-color:rgb(191, 96, 152) }
```

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

Here you see how a box with a 4 pixel rgb(191, 96, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 96, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 96, 152);  
box-shadow:4px 4px 4px 4px rgb(191, 96,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7091, 0.3674, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 96, 152) }
```

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

```
.background{ background-color: rgb(191, 96,  
152) }
```

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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