

Converting Colors

$Y_{xy}(22.7362, 0.4158, 0.3224)$

Have a look what the booklet for
Yxy(22.7362, 0.4158, 0.3224)
contains.

Yxy(22.7362, 0.4158, 0.3224)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.7362, 0.4158, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	BD6C71
RGB	189, 108, 113
RGB Percent	74%, 42%, 44%
CMY	0.2590, 0.5764, 0.5569
CMYK	0.00, 0.43, 0.40, 0.26
HSL	356°, 38%, 58%
HSV	356°, 43%, 74%
XYZ	29.3229, 22.7362, 18.4626
YIQ	132.7890, 46.6710, 18.7270

Conversions

Conversions Part 2

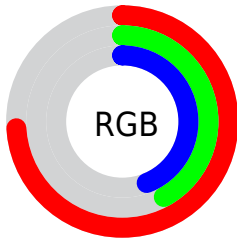
Format	Color
R _{YB}	189, 108, 113
Decimal	12414065
CIE Lab	54.80, 32.68, 11.37
CIE LCh	55, 34.603, 19.183
Yxy	22.7362, 0.4158, 0.3224
Android (android.graphics.Color)	4290604145 (0xFFBD6C71)
YUV	132.7890, -9.7560, 49.2970
Hunter-Lab	47.6825, 26.3264, 10.4208

Details

The Yxy color **22.7362, 0.4158, 0.3224** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.0317, 0.2581, 0.3362**, and the grayscale version is **23.3994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1628, 0.3929, 0.3249**, and **8.3943, 0.4578, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **18.8118, 0.4549, 0.3212**, and if you desaturate by 10%, it is **27.6048, 0.3829, 0.3239**.

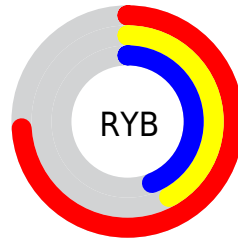
Distribution



Red (74%)

Green (42%)

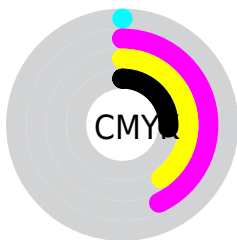
Blue (44%)



Red (74%)

Yellow (42%)

Blue (44%)

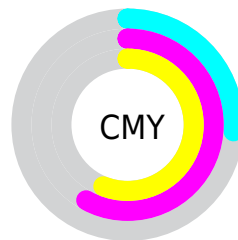


Cyan (0%)

Magenta (43%)

Yellow (40%)

Black (26%)



Cyan (26%)


Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.7362, 0.4158, 0.3224 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 22.7362, 0.4158, 0.3224 by changing the saturation by 10% instead.


 22.7362, 0.4158,
0.3224


 22.7362, 0.4158,
0.3224


266.3672, 0.3576,
0.3277


 14.3988, 0.4329,
0.3201


 47.9598, 0.3929,
0.3249


 8.3986, 0.4565,
0.3164


 65.6148, 0.3848,
0.3257

 4.3510, 0.4912,
0.3099

 87.1446, 0.3782,
0.3263

 1.8718, 0.5462,
0.2969

 112.9333, 0.3727,
0.3267

 0.5313, 0.7238,
0.2762

143.3656, 0.3681,
0.3270

 0.0000, 1.0000,
0.0000

178.8257, 0.3641,

 0.0000, 0.0000,

0.3273

0.0000

219.6981, 0.3606,
0.3275

■ 22.7362, 0.4158,
0.3224

■ 22.7362, 0.4158,
0.3224

■ 18.8118, 0.4549,
0.3212

■ 27.6048, 0.3829,
0.3239

■ 15.7673, 0.4991,
0.3206

■ 33.4698, 0.3561,
0.3255

■ 13.5356, 0.5451,
0.3210


■ 40.3834, 0.3344,
0.3271

■ 12.0389, 0.5874,
0.3225

■ 48.3934, 0.3170,
0.3286

■ 11.1837, 0.6191,
0.3251

■ 57.5445, 0.3030,
0.3300

 10.8402, 0.6338,
0.3265

 67.8790, 0.2917,
0.3312

 79.4371, 0.2826,
0.3324

 89.5477, 0.2747,
0.3290

 89.5546, 0.2747,
0.3289

Harmonies

Analogous

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



22.7362, 0.3648, 0.2796



22.7362, 0.4158, 0.3224



22.7362, 0.4354, 0.3696

Triad

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



22.7362, 0.4158, 0.3224



22.7362, 0.3137, 0.4320



22.7362, 0.2139, 0.2400

Complementary

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



22.7362, 0.4158, 0.3224



43.0317, 0.2581, 0.3362

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.



22.7362, 0.2036, 0.2699



22.7362, 0.4158, 0.3224



22.7362, 0.2574, 0.3859

Square

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



22.7362, 0.4158, 0.3224



22.7362, 0.3727, 0.4394



22.7362, 0.2183, 0.3227



22.7362, 0.2479, 0.2337

Rectangle

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



22.7362, 0.4158, 0.3224



22.7362, 0.4276, 0.3996



22.7362, 0.2183, 0.3227



22.7362, 0.2077, 0.2473

Sweetspot

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



22.7373, 0.4158, 0.3224



71.8555, 0.3351, 0.3270



24.5408, 0.3115, 0.2235



14.8306, 0.3396, 0.3267



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



22.7373, 0.4158, 0.3224



34.3461, 0.4506, 0.3213



31.5731, 0.4009, 0.3776



9.5456, 0.3279, 0.3276



7.3005, 0.6323, 0.3257



0.2892, 0.6041, 0.3101

Inverse Universe

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



22.7373, 0.4158, 0.3224



34.3461, 0.4506, 0.3213



29.9383, 0.2461, 0.2738



9.5456, 0.3279, 0.3276



7.3005, 0.6323, 0.3257



0.2892, 0.6041, 0.3101

Previews

White Background



This preview shows how the Yxy color 22.7362, 0.4158, 0.3224 looks on a white background.

Color Contrast Check

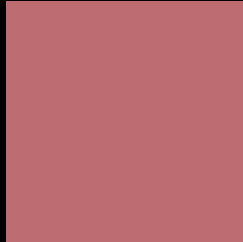
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7362, 0.4158, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

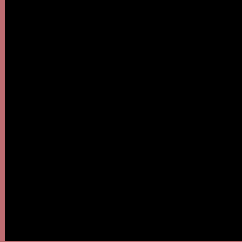
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7362, 0.4158, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 22.7362, 0.4158, 0.3224.



This preview shows how white text looks on a background with the Yxy color 22.7362, 0.4158, 0.3224.

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

22.7362, 0.4158, 0.3224

Protanopia

22.9475, 0.3251, 0.3395

Deuteranopia

22.9799, 0.3632, 0.3574



Tritanopia

22.8049, 0.4116, 0.3182

Trichromacy



Original Color

22.7362, 0.4158, 0.3224

Protanomaly

22.5150, 0.3551, 0.3324

Deuteranomaly

22.5800, 0.3818, 0.3434

Tritanomaly

22.7817, 0.4130, 0.3196

Monochromacy



Original Color

22.7362, 0.4158, 0.3224

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.6940, 0.3462, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7362, 0.4158, 0.3224 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(189, 108, 113)` looks like.

```
.text, #text, p{  
    color:rgb(189, 108, 113)  
}
```

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(189, 108, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 108, 113) }
```

Border

The CSS property to change the border of an element to Yxy 22.7362, 0.4158, 0.3224 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(189, 108, 113) }
```

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

```
.border{ border-color:rgb(189, 108, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 108, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 108, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 108, 113);  
box-shadow:4px 4px 4px 4px rgb(189, 108,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7362, 0.4158, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 108, 113) }
```

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

```
.background{ background-color: rgb(189,  
108, 113) }
```

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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