

Converting Colors

$Y_{xy}(22.7545, 0.4367, 0.3248)$

Have a look what the booklet for
Yxy(22.7545, 0.4367, 0.3248)
contains.

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Color

Yxy(22.8325, 0.4365, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C5686B
RGB	197, 104, 107
RGB Percent	77%, 41%, 42%
CMY	0.2275, 0.5921, 0.5803
CMYK	0.00, 0.47, 0.46, 0.23
HSL	358°, 44%, 59%
HSV	358°, 47%, 77%
XYZ	30.6281, 22.8325, 16.7069
YIQ	132.1490, 54.4650, 20.6490

Conversions

Conversions Part 2

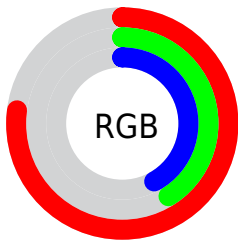
Format	Color
RYB	197, 104, 107
Decimal	12937323
CIELab	54.90, 37.19, 15.17
CIELCh	55, 40.165, 22.188
Yxy	22.8325, 0.4365, 0.3254
Android (android.graphics.Color)	4291127403 (0xFFC5686B)
YUV	132.1490, -12.3985, 56.8743
Hunter-Lab	47.7834, 30.7938, 12.7183

Details

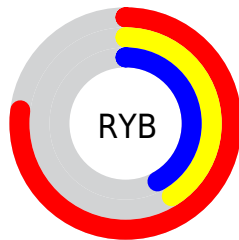
The Yxy color **22.8325, 0.4365, 0.3254** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.7644, 0.2523, 0.3332**, and the grayscale version is **23.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8426, 0.4080, 0.3282**, and **8.4479, 0.4855, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **18.9619, 0.4795, 0.3250**, and if you desaturate by 10%, it is **27.7201, 0.3995, 0.3261**.

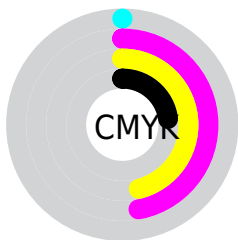
Distribution



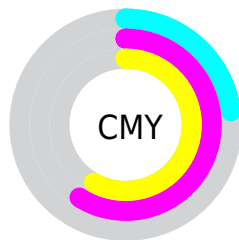
- Red (77%)
- Green (41%)
- Blue (42%)



- Red (77%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (46%)
- Black (23%)





- Cyan (23%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8325, 0.4365, 0.3254 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 22.8325, 0.4365, 0.3254 by changing the saturation by 10% instead.


 22.8325, 0.4365,
0.3254


 22.8325, 0.4365,
0.3254


266.8635, 0.3667,
0.3299


 14.4699, 0.4568,
0.3230


 48.1181, 0.4091,
0.3279


 8.4482, 0.4847,
0.3188


 65.8100, 0.3994,
0.3285

 4.3830, 0.5251,
0.3111

 87.3803, 0.3915,
0.3290

 1.8901, 0.5889,
0.2960

 113.2135, 0.3849,
0.3293

 0.5424, 0.7429,
0.2571

143.6941, 0.3793,
0.3295

 0.0000, 1.0000,
0.0000


179.2063, 0.3745,


 0.0000, 0.0000,


0.3297


0.0000


220.1347, 0.3704,
0.3298


 22.8325, 0.4365,
0.3254


 22.8325, 0.4365,
0.3254


 18.9619, 0.4795,
0.3250


 27.7201, 0.3995,
0.3261


 16.0335, 0.5262,
0.3250


 33.6856, 0.3690,
0.3269


 13.9678, 0.5718,
0.3256


 40.7894, 0.3443,
0.3277

 12.6708, 0.6092,
0.3268

 49.0862, 0.3245,
0.3285

 12.0141, 0.6325,
0.3283

 58.6275, 0.3086,
0.3292

 11.8824, 0.6369,
0.3282

 69.4614, 0.2959,
0.3299

 81.6337, 0.2856,
0.3305

 90.6085, 0.2789,
0.3289

Harmonies

Analogous

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



22.8325, 0.3797, 0.2767



22.8325, 0.4365, 0.3254



22.8325, 0.4541, 0.3786

Triad

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



22.8325, 0.4365, 0.3254



22.8325, 0.3056, 0.4467



22.8325, 0.2030, 0.2254

Complementary

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



22.8325, 0.4365, 0.3254



46.7644, 0.2523, 0.3332

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.



22.8325, 0.1887, 0.2555



22.8325, 0.4365, 0.3254



22.8325, 0.2429, 0.3884

Square

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



22.8325, 0.4365, 0.3254



22.8325, 0.3738, 0.4582



22.8325, 0.2018, 0.3134



22.8325, 0.2435, 0.2215

Rectangle

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



22.8325, 0.4365, 0.3254



22.8325, 0.4415, 0.4127



22.8325, 0.2018, 0.3134



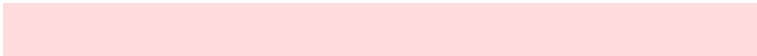
22.8325, 0.1953, 0.2323

Sweetspot

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



22.8337, 0.4365, 0.3254



77.2711, 0.3379, 0.3279



25.3883, 0.3146, 0.2145



15.8741, 0.3426, 0.3277



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.



22.8337, 0.4365, 0.3254



33.5592, 0.4826, 0.3250



33.8605, 0.4111, 0.3865



10.6424, 0.3285, 0.3283



7.8192, 0.6361, 0.3278



0.3722, 0.6223, 0.3202

Inverse Universe

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



22.8337, 0.4365, 0.3254



33.5592, 0.4826, 0.3250



29.9535, 0.2385, 0.2619



10.6424, 0.3285, 0.3283



7.8192, 0.6361, 0.3278



0.3722, 0.6223, 0.3202

Previews

White Background



This preview shows how the Yxy color 22.8325, 0.4365, 0.3254 looks on a white background.

Color Contrast Check

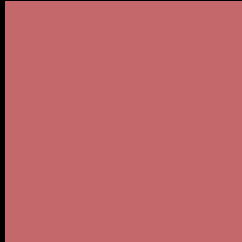
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8325, 0.4365, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

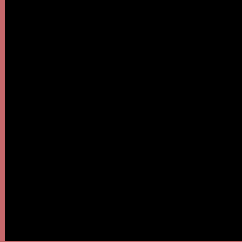
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8325, 0.4365, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 22.8325, 0.4365, 0.3254.



This preview shows how white text looks on a background with the Yxy color 22.8325, 0.4365, 0.3254.

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

22.8325, 0.4365, 0.3254

Protanopia

22.9314, 0.3307, 0.3465

Deuteranopia

23.0280, 0.3742, 0.3688



Tritanopia

22.7185, 0.4314, 0.3188

Trichromacy



Original Color

22.8325, 0.4365, 0.3254

Protanomaly

22.3066, 0.3672, 0.3372

Deuteranomaly

22.7392, 0.3978, 0.3523

Tritanomaly

22.6966, 0.4329, 0.3201

Monochromacy



Original Color

22.8325, 0.4365, 0.3254

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.4170, 0.3542, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8325, 0.4365, 0.3254 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(197, 104, 107)` looks like.

```
.text, #text, p{  
    color:rgb(197, 104, 107)  
}
```

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(197, 104, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 104, 107) }
```

Border

The CSS property to change the border of an element to Yxy 22.8325, 0.4365, 0.3254 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(197, 104, 107) }
```

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

```
.border{ border-color:rgb(197, 104, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 104, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 104, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 104, 107);  
box-shadow:4px 4px 4px 4px rgb(197, 104,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8325, 0.4365, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 104, 107) }
```

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

```
.background{ background-color: rgb(197,  
104, 107) }
```

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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