

Converting Colors

$Y_{xy}(21.6118, 0.4266, 0.3313)$

Have a look what the booklet for
Yxy(21.6118, 0.4266, 0.3313)
contains.

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Color

Yxy(21.5417, 0.4268, 0.3307)

Conversions

Conversions Part 1

Format	Color
Hex	BA6968
RGB	186, 105, 104
RGB Percent	73%, 41%, 41%
CMY	0.2706, 0.5882, 0.5921
CMYK	0.00, 0.44, 0.44, 0.27
HSL	1°, 37%, 57%
HSV	1°, 44%, 73%
XYZ	27.8016, 21.5417, 15.7964
YIQ	129.1050, 48.5970, 16.8610

Conversions

Conversions Part 2

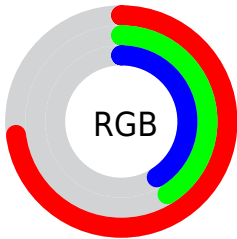
Format	Color
R _Y B	186, 105, 104
Decimal	12216680
CIE Lab	53.54, 32.18, 14.80
CIE LCh	54, 35.417, 24.704
Yxy	21.5417, 0.4268, 0.3307
Android (android.graphics.Color)	4290406760 (0xFFBA6968)
YUV	129.1050, -12.3768, 49.8969
Hunter-Lab	46.4130, 25.6995, 12.3102

Details

The Yxy color **21.5417, 0.4268, 0.3307** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **41.2004, 0.2537, 0.3274**, and the grayscale version is **22.0242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8930, 0.4018, 0.3315**, and **7.7736, 0.4741, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **17.8574, 0.4688, 0.3311**, and if you desaturate by 10%, it is **26.1206, 0.3911, 0.3303**.

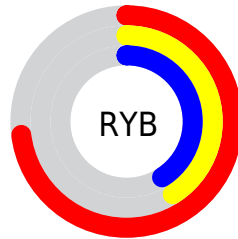
Distribution



Red (73%)

Green (41%)

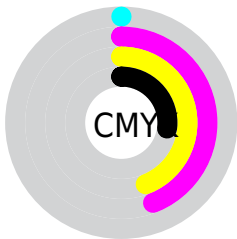
Blue (41%)



Red (73%)

Yellow (41%)

Blue (41%)

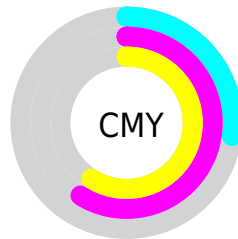


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (27%)



Cyan (27%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5417, 0.4268, 0.3307 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 21.5417, 0.4268, 0.3307 by changing the saturation by 10% instead.


 21.5417, 0.4268,
0.3307


 21.5417, 0.4268,
0.3307


260.1435, 0.3619,
0.3319


 13.5205, 0.4460,
0.3293


 45.9873, 0.4011,
0.3319


 7.7880, 0.4727,
0.3264


 63.1806, 0.3921,
0.3321

 3.9596, 0.5119,
0.3206

 84.2001, 0.3847,
0.3321

 1.6510, 0.5785,
0.3096

 109.4301, 0.3786,
0.3322

 0.3916, 0.7538,
0.2462

139.2550, 0.3735,
0.3321

 0.0000, 1.0000,
0.0000

174.0593, 0.3690,

 0.0000, 0.0000,

0.3321

0.0000

214.2273, 0.3652,
0.3320

■ 21.5417, 0.4268,
0.3307

■ 21.5417, 0.4268,
0.3307

■ 17.8574, 0.4688,
0.3311

■ 26.1206, 0.3911,
0.3303

■ 15.0062, 0.5153,
0.3313

■ 31.6439, 0.3619,
0.3299

■ 12.9242, 0.5620,
0.3313

■ 38.1614, 0.3383,
0.3295


■ 11.5367, 0.6022,
0.3311


■ 45.7186, 0.3193,
0.3291


■ 10.7542, 0.6289,
0.3306


■ 54.3582, 0.3041,
0.3288

 10.4874, 0.6392,
0.3307

 64.1205, 0.2919,
0.3285

 75.0436, 0.2820,
0.3283

 87.1641, 0.2739,
0.3280

 89.1795, 0.2731,
0.3289

Harmonies

Analogous

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



21.5417, 0.3783, 0.2851



21.5417, 0.4268, 0.3307



21.5417, 0.4398, 0.3796

Triad

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



21.5417, 0.4268, 0.3307



21.5417, 0.3019, 0.4306



21.5417, 0.2149, 0.2337

Complementary

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



21.5417, 0.4268, 0.3307



41.2004, 0.2537, 0.3274

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.



21.5417, 0.1997, 0.2597



21.5417, 0.4268, 0.3307



21.5417, 0.2459, 0.3766

Square

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



21.5417, 0.4268, 0.3307



21.5417, 0.3640, 0.4458



21.5417, 0.2100, 0.3106



21.5417, 0.2542, 0.2315

Rectangle

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



21.5417, 0.4268, 0.3307



21.5417, 0.4271, 0.4098



21.5417, 0.2100, 0.3106



21.5417, 0.2071, 0.2396

Sweetspot

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



21.5428, 0.4268, 0.3307



70.2664, 0.3365, 0.3295



23.8909, 0.3177, 0.2228



14.8526, 0.3412, 0.3295



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.



21.5428, 0.4268, 0.3307



32.4819, 0.4679, 0.3311



31.6950, 0.4007, 0.3862



9.0288, 0.3287, 0.3293



7.0632, 0.6390, 0.3308



0.2548, 0.6347, 0.3342

Inverse Universe

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



41.2004, 0.2537, 0.3274



72.7419, 0.2443, 0.3270



26.7454, 0.2427, 0.2628



10.1918, 0.2985, 0.3287



25.3984, 0.2237, 0.3252



0.9012, 0.2239, 0.3262

Previews

White Background



This preview shows how the Yxy color 21.5417, 0.4268, 0.3307 looks on a white background.

Color Contrast Check

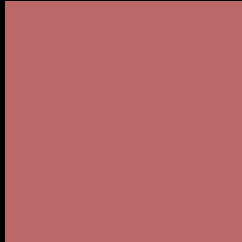
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5417, 0.4268, 0.3307 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 21.5417, 0.4268, 0.3307

Background



This preview shows how black text looks on a background with the Yxy color 21.5417, 0.4268, 0.3307.



This preview shows how white text looks on a background with the Yxy color 21.5417, 0.4268, 0.3307.

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

21.5417, 0.4268, 0.3307

Protanopia

21.7445, 0.3345, 0.3523

Deuteranopia

21.5895, 0.3736, 0.3664



Tritanopia

21.6131, 0.4186, 0.3195

Trichromacy



Original Color

21.5417, 0.4268, 0.3307

Protanomaly

21.3529, 0.3663, 0.3442

Deuteranomaly

21.2366, 0.3932, 0.3516

Tritanomaly

21.5481, 0.4229, 0.3237

Monochromacy



Original Color

21.5417, 0.4268, 0.3307

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2730, 0.3509, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5417, 0.4268, 0.3307 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(186, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(186, 105, 104)  
}
```

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(186, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 105, 104) }
```

Border

The CSS property to change the border of an element to Yxy 21.5417, 0.4268, 0.3307 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(186, 105, 104) }
```

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

```
.border{ border-color:rgb(186, 105, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 105, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(186, 105,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5417, 0.4268, 0.3307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 105, 104) }
```

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

```
.background{ background-color: rgb(186,  
105, 104) }
```

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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