

Converting Colors

$Y_{xy}(21.6375, 0.4380, 0.3358)$

Have a look what the booklet for
Yxy(21.6375, 0.4380, 0.3358)
contains.

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Color

Yxy(21.6203, 0.4384, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	BD6863
RGB	189, 104, 99
RGB Percent	74%, 41%, 39%
CMY	0.2588, 0.5922, 0.6117
CMYK	0.00, 0.45, 0.48, 0.26
HSL	3°, 41%, 56%
HSV	3°, 48%, 74%
XYZ	28.1926, 21.6203, 14.4950
YIQ	128.8450, 52.2650, 16.4650

Conversions

Conversions Part 2

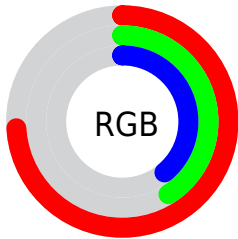
Format	Color
R _Y B	189, 104, 99
Decimal	12413027
CIE Lab	53.62, 33.36, 17.92
CIE LCh	54, 37.866, 28.239
Yxy	21.6203, 0.4384, 0.3362
Android (android.graphics.Color)	4290603107 (0xFFBD6863)
YUV	128.8450, -14.7136, 52.7559
Hunter-Lab	46.4976, 26.8577, 14.0655

Details

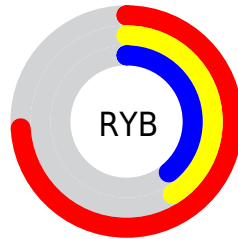
The Yxy color **21.6203, 0.4384, 0.3362** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.6257, 0.2490, 0.3213**, and the grayscale version is **21.9352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2724, 0.4097, 0.3369**, and **7.7918, 0.4896, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **18.0794, 0.4810, 0.3373**, and if you desaturate by 10%, it is **26.0091, 0.4015, 0.3348**.

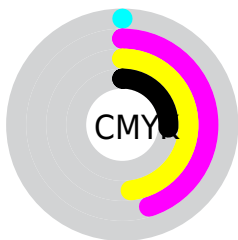
Distribution



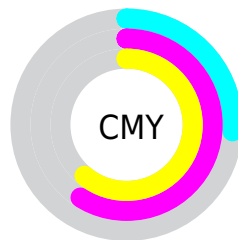
- Red (74%)
- Green (41%)
- Blue (39%)



- Red (74%)
- Yellow (41%)
- Blue (39%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (26%)




- Cyan (26%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6203, 0.4384, 0.3362 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 21.6203, 0.4384, 0.3362 by changing the saturation by 10% instead.


 21.6203, 0.4384,
0.3362


 21.6203, 0.4384,
0.3362


260.5569, 0.3670,
0.3350


 13.5782, 0.4594,
0.3352


 46.1176, 0.4102,
0.3366

 7.8279, 0.4884,
0.3326

 63.3416, 0.4003,
0.3365

 3.9850, 0.5304,
0.3267

 84.3950, 0.3922,
0.3363

 1.6652, 0.6072,
0.3184

 109.6622, 0.3854,
0.3360

 0.4010, 0.7567,
0.2433

139.5276, 0.3798,
0.3357

 0.0000, 1.0000,
0.0000


174.3756, 0.3749,


 0.0000, 0.0000,


0.3355


0.0000


214.5906, 0.3707,
0.3352

 21.6203, 0.4384,
0.3362


 21.6203, 0.4384,
0.3362


 18.0794, 0.4810,
0.3373


 26.0091, 0.4015,
0.3348

 15.3285, 0.5270,
0.3377


 31.2922, 0.3708,
0.3332


 13.3081, 0.5718,
0.3371

 37.5163, 0.3458,
0.3316


 11.9485, 0.6086,
0.3354

 44.7242, 0.3255,
0.3301


 11.1645, 0.6320,
0.3331


 52.9560, 0.3091,
0.3287

 11.0481, 0.6362,
0.3331

 62.2494, 0.2959,
0.3274

 72.6403, 0.2851,
0.3263

 84.1631, 0.2763,
0.3252

 89.5611, 0.2747,
0.3289

Harmonies

Analogous

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



21.6203, 0.3903, 0.2875



21.6203, 0.4384, 0.3362



21.6203, 0.4469, 0.3877

Triad

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



21.6203, 0.4384, 0.3362



21.6203, 0.2930, 0.4333



21.6203, 0.2127, 0.2264

Complementary

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



21.6203, 0.4384, 0.3362



40.6257, 0.2490, 0.3213

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.



21.6203, 0.1936, 0.2504



21.6203, 0.4384, 0.3362



21.6203, 0.2356, 0.3715

Square

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



21.6203, 0.4384, 0.3362



21.6203, 0.3592, 0.4545



21.6203, 0.2010, 0.3012



21.6203, 0.2569, 0.2271

Rectangle

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



21.6203, 0.4384, 0.3362



21.6203, 0.4300, 0.4192



21.6203, 0.2010, 0.3012



21.6203, 0.2035, 0.2315

Sweetspot

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



21.6214, 0.4384, 0.3362



71.3551, 0.3384, 0.3311



23.2300, 0.3232, 0.2198



14.7675, 0.3430, 0.3314



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.



21.6214, 0.4384, 0.3362



32.2082, 0.4823, 0.3373



33.0644, 0.4067, 0.3965



9.6188, 0.3287, 0.3303



7.4691, 0.6353, 0.3338



0.3219, 0.6176, 0.3478

Inverse Universe

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



40.6257, 0.2490, 0.3213



70.2154, 0.2393, 0.3194



24.9434, 0.2357, 0.2487



10.7166, 0.2985, 0.3277



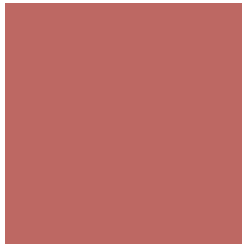
24.0795, 0.2200, 0.3119



0.9710, 0.2212, 0.3162

Previews

White Background



This preview shows how the Yxy color 21.6203, 0.4384, 0.3362 looks on a white background.

Color Contrast Check

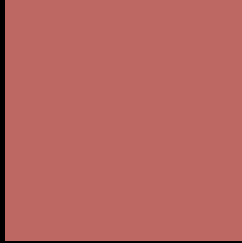
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6203, 0.4384, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

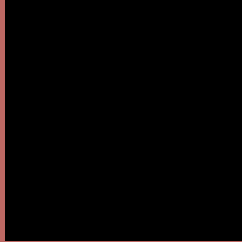
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6203, 0.4384, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 21.6203, 0.4384, 0.3362.



This preview shows how white text looks on a background with the Yxy color 21.6203, 0.4384, 0.3362.

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

21.6203, 0.4384, 0.3362

Protanopia

21.7369, 0.3404, 0.3595

Deuteranopia

21.6858, 0.3823, 0.3744



Tritanopia

21.5757, 0.4250, 0.3183

Trichromacy



Original Color

21.6203, 0.4384, 0.3362

Protanomaly

21.2238, 0.3745, 0.3491

Deuteranomaly

21.3532, 0.4024, 0.3592

Tritanomaly

21.6883, 0.4302, 0.3252

Monochromacy



Original Color

21.6203, 0.4384, 0.3362

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3203, 0.3548, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6203, 0.4384, 0.3362 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, 104, 99)` looks like.

```
.text, #text, p{  
    color:rgb(189, 104, 99)  
}
```

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, 104, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 104, 99) }
```

Border

The CSS property to change the border of an element to Yxy 21.6203, 0.4384, 0.3362 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, 104, 99) }
```

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

```
.border{ border-color:rgb(189, 104, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 104, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 104, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 104, 99);  
box-shadow:4px 4px 4px 4px rgb(189, 104,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6203, 0.4384, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 104, 99) }
```

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

```
.background{ background-color: rgb(189,  
104, 99) }
```

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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