

Converting Colors

$Y_{xy}(21.0293, 0.4159, 0.3374)$

Have a look what the booklet for
Yxy(21.0293, 0.4159, 0.3374)
contains.

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Color

Yxy(21.0315, 0.4163, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	B16C66
RGB	177, 108, 102
RGB Percent	69%, 42%, 40%
CMY	0.3060, 0.5764, 0.6000
CMYK	0.00, 0.39, 0.42, 0.31
HSL	5°, 32%, 55%
HSV	5°, 42%, 69%
XYZ	25.8883, 21.0315, 15.2668
YIQ	127.9470, 43.0500, 12.7620

Conversions

Conversions Part 2

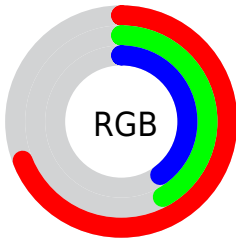
Format	Color
RYB	177, 109, 102
Decimal	11627622
CIELab	52.98, 26.76, 15.04
CIELCh	53, 30.699, 29.326
Yxy	21.0315, 0.4163, 0.3382
Android (android.graphics.Color)	4289817702 (0xFFB16C66)
YUV	127.9470, -12.7919, 43.0195
Hunter-Lab	45.8601, 20.5090, 12.3645

Details

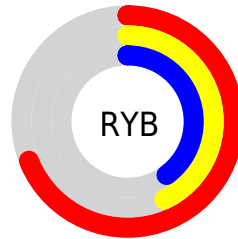
The Yxy color **21.0315, 0.4163, 0.3382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.1104, 0.2543, 0.3193**, and the grayscale version is **21.6020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1037, 0.3931, 0.3372**, and **7.5413, 0.4600, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **17.5984, 0.4549, 0.3401**, and if you desaturate by 10%, it is **25.1828, 0.3835, 0.3360**.

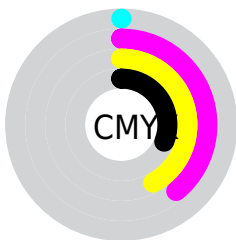
Distribution



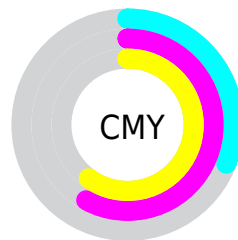
- Red (69%)
- Green (42%)
- Blue (40%)



- Red (69%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0315, 0.4163, 0.3382 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 21.0315, 0.4163, 0.3382 by changing the saturation by 10% instead.


 21.0315, 0.4163,
0.3382


 21.0315, 0.4163,
0.3382


257.4459, 0.3571,
0.3349


 13.1470, 0.4340,
0.3382


 45.1400, 0.3928,
0.3375


 7.5299, 0.4587,
0.3373


 62.1327, 0.3846,
0.3371

 3.7956, 0.4952,
0.3344

 82.9304, 0.3779,
0.3367

 1.5599, 0.5614,
0.3299

 107.9173, 0.3723,
0.3363

 0.3303, 0.7467,
0.2533

137.4780, 0.3676,
0.3359

 0.0000, 0.0000,
0.0000

171.9967, 0.3636,

0.3356

211.8578, 0.3602,
0.3352

■ 21.0315, 0.4163,
0.3382

■ 21.0315, 0.4163,
0.3382

■ 17.5984, 0.4549,
0.3401

■ 25.1828, 0.3835,
0.3360

■ 14.8397, 0.4984,
0.3413

■ 30.0864, 0.3564,
0.3337

■ 12.7120, 0.5437,
0.3413


■ 35.7783, 0.3343,
0.3315

■ 11.1651, 0.5855,
0.3398

■ 42.2910, 0.3164,
0.3295

■ 10.1414, 0.6174,
0.3369

■ 49.6552, 0.3019,
0.3276

 9.6634, 0.6338,
0.3350

 57.9002, 0.2900,
0.3259

 67.0537, 0.2803,
0.3243

 77.1423, 0.2722,
0.3229

 87.7802, 0.2685,
0.3284

Harmonies

Analogous

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



21.0315, 0.3781, 0.2963



21.0315, 0.4163, 0.3382



21.0315, 0.4229, 0.3815

Triad

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



21.0315, 0.4163, 0.3382



21.0315, 0.2957, 0.4112



21.0315, 0.2301, 0.2430

Complementary

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



21.0315, 0.4163, 0.3382



35.1104, 0.2543, 0.3193

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.



21.0315, 0.2129, 0.2635



21.0315, 0.4163, 0.3382



21.0315, 0.2480, 0.3617

Square

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



21.0315, 0.4163, 0.3382



21.0315, 0.3506, 0.4310



21.0315, 0.2189, 0.3056



21.0315, 0.2685, 0.2437

Rectangle

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



21.0315, 0.4163, 0.3382



21.0315, 0.4092, 0.4067



21.0315, 0.2189, 0.3056



21.0315, 0.2219, 0.2474

Sweetspot

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



21.0325, 0.4163, 0.3382



63.1629, 0.3361, 0.3317



21.8258, 0.3233, 0.2327



13.1893, 0.3406, 0.3322



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



21.0325, 0.4163, 0.3382



31.8004, 0.4529, 0.3400



30.3984, 0.3930, 0.3907



8.6112, 0.3285, 0.3309



7.0418, 0.6328, 0.3358



0.2575, 0.6051, 0.3577

Inverse Universe

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



35.1104, 0.2543, 0.3193



60.4061, 0.2443, 0.3168



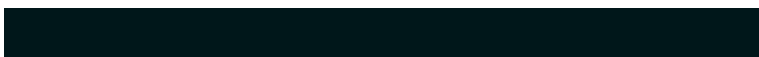
23.1852, 0.2443, 0.2574



9.5126, 0.2986, 0.3271



21.2704, 0.2178, 0.3041



0.7034, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 21.0315, 0.4163, 0.3382 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 21.0315, 0.4163, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

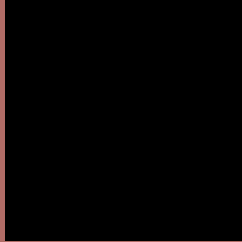
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0315, 0.4163, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 21.0315, 0.4163, 0.3382.



This preview shows how white text looks on a background with the Yxy color 21.0315, 0.4163, 0.3382.

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

21.0315, 0.4163, 0.3382

Protanopia

21.3130, 0.3381, 0.3580

Deuteranopia

21.1351, 0.3727, 0.3669



Tritanopia

20.9880, 0.4016, 0.3175

Trichromacy



Original Color

21.0315, 0.4163, 0.3382

Protanomaly

20.9052, 0.3649, 0.3496

Deuteranomaly

21.0331, 0.3887, 0.3553

Tritanomaly

21.1062, 0.4068, 0.3249

Monochromacy



Original Color

21.0315, 0.4163, 0.3382

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1176, 0.3468, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0315, 0.4163, 0.3382 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(177, 108, 102)` looks like.

```
.text, #text, p{  
    color:rgb(177, 108, 102)  
}
```

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(177, 108, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 108, 102) }
```

Border

The CSS property to change the border of an element to Yxy 21.0315, 0.4163, 0.3382 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(177, 108, 102) }
```

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

```
.border{ border-color:rgb(177, 108, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 108, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 108, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 108, 102);  
box-shadow:4px 4px 4px 4px rgb(177, 108,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0315, 0.4163, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 108, 102) }
```

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

```
.background{ background-color: rgb(177,  
108, 102) }
```

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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