

Converting Colors

$Y_{xy}(21.2490, 0.4068, 0.3319)$

Have a look what the booklet for
Yxy(21.2490, 0.4068, 0.3319)
contains.

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Color

Yxy(21.2289, 0.4074, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	B06D6B
RGB	176, 109, 107
RGB Percent	69%, 43%, 42%
CMY	0.3098, 0.5725, 0.5805
CMYK	0.00, 0.38, 0.39, 0.31
HSL	2°, 30%, 55%
HSV	2°, 39%, 69%
XYZ	26.0266, 21.2289, 16.6292
YIQ	128.8050, 40.5740, 13.5820

Conversions

Conversions Part 2

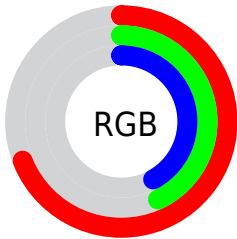
Format	Color
R_{YB}	176, 109, 107
Decimal	11562347
CIE Lab	53.20, 26.41, 12.40
CIE LCh	53, 29.181, 25.154
Yxy	21.2289, 0.4074, 0.3323
Android (android.graphics.Color)	4289752427 (0xFFB06D6B)
YUV	128.8050, -10.7499, 41.3900
Hunter-Lab	46.0748, 20.1997, 10.8536

Details

The Yxy color **21.2289, 0.4074, 0.3323** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.5221, 0.2588, 0.3257**, and the grayscale version is **21.9090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2820, 0.3858, 0.3327**, and **7.6229, 0.4458, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **17.5989, 0.4456, 0.3331**, and if you desaturate by 10%, it is **25.6447, 0.3755, 0.3314**.

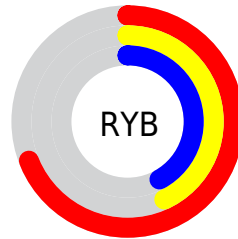
Distribution



Red (69%)

Green (43%)

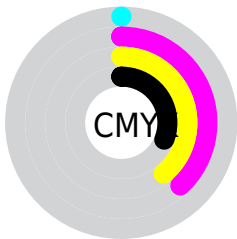
Blue (42%)



Red (69%)

Yellow (43%)

Blue (42%)

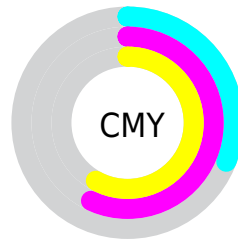


Cyan (0%)

Magenta (38%)

Yellow (39%)

Black (31%)



Cyan (31%)


Magenta (57%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2289, 0.4074, 0.3323 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 21.2289, 0.4074, 0.3323 by changing the saturation by 10% instead.


 21.2289, 0.4074,
0.3323


 21.2289, 0.4074,
0.3323


258.4925, 0.3534,
0.3320


 13.2914, 0.4236,
0.3316


 45.4682, 0.3859,
0.3326

 7.6295, 0.4462,
0.3301


 62.5388, 0.3784,
0.3326

 3.8588, 0.4799,
0.3266

 83.4225, 0.3723,
0.3325

 1.5949, 0.5366,
0.3188

 108.5038, 0.3673,
0.3324

 0.3542, 0.7364,
0.2636


138.1671, 0.3630,
0.3323


 0.0000, 0.0000,
0.0000


172.7967, 0.3593,

0.3322


212.7770, 0.3561,
0.3321

 21.2289, 0.4074,
0.3323


 21.2289, 0.4074,
0.3323


 17.5989, 0.4456,
0.3331


 25.6447, 0.3755,
0.3314


 14.7058, 0.4895,
0.3337


 30.8854, 0.3494,
0.3305

 12.5000, 0.5362,
0.3338


 36.9910, 0.3284,
0.3297

 10.9247, 0.5804,
0.3335


 43.9981, 0.3115,
0.3289


 9.9139, 0.6151,
0.3325

 51.9413, 0.2979,
0.3282


 9.3748, 0.6364,
0.3317

 60.8532, 0.2869,
0.3276

 9.3428, 0.6378,
0.3318

 70.7650, 0.2779,
0.3271

 81.7063, 0.2705,
0.3266

 87.9706, 0.2681,
0.3289

Harmonies

Analogous

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



21.2289, 0.3680, 0.2929



21.2289, 0.4074, 0.3323



21.2289, 0.4183, 0.3738

Triad

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



21.2289, 0.4074, 0.3323



21.2289, 0.3040, 0.4111



21.2289, 0.2305, 0.2486

Complementary

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



21.2289, 0.4074, 0.3323



36.5221, 0.2588, 0.3257

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.



21.2289, 0.2171, 0.2714



21.2289, 0.4074, 0.3323



21.2289, 0.2567, 0.3675

Square

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



21.2289, 0.4074, 0.3323



21.2289, 0.3560, 0.4254



21.2289, 0.2260, 0.3140



21.2289, 0.2647, 0.2464

Rectangle

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



21.2289, 0.4074, 0.3323



21.2289, 0.4081, 0.3986



21.2289, 0.2260, 0.3140



21.2289, 0.2236, 0.2539

Sweetspot

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



21.2299, 0.4074, 0.3323



63.6056, 0.3342, 0.3300



22.8306, 0.3185, 0.2354



13.4762, 0.3368, 0.3301



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.



21.2299, 0.4074, 0.3323



32.7541, 0.4399, 0.3330



29.8289, 0.3877, 0.3814



8.5439, 0.3286, 0.3297



6.8699, 0.6374, 0.3321



0.2293, 0.6264, 0.3408

Inverse Universe

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



36.5221, 0.2588, 0.3257



64.3692, 0.2497, 0.3248



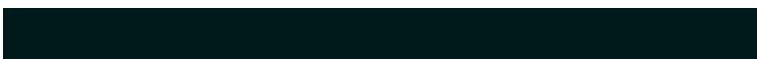
25.1148, 0.2504, 0.2697



9.5879, 0.2986, 0.3283



23.6386, 0.2222, 0.3199



0.7570, 0.2229, 0.3225

Previews

White Background



This preview shows how the Yxy color 21.2289, 0.4074, 0.3323 looks on a white background.

Color Contrast Check

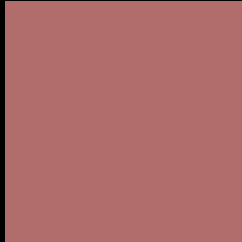
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2289, 0.4074, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

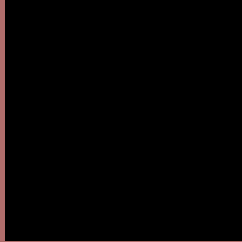
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2289, 0.4074, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 21.2289, 0.4074, 0.3323.



This preview shows how white text looks on a background with the Yxy color 21.2289, 0.4074, 0.3323.

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

21.2289, 0.4074, 0.3323

Protanopia

21.3452, 0.3311, 0.3489

Deuteranopia

21.4817, 0.3660, 0.3599



Tritanopia

21.3332, 0.3964, 0.3174

Trichromacy



Original Color

21.2289, 0.4074, 0.3323

Protanomaly

20.9211, 0.3572, 0.3411

Deuteranomaly

21.2666, 0.3802, 0.3488

Tritanomaly

21.2645, 0.4007, 0.3218

Monochromacy



Original Color

21.2289, 0.4074, 0.3323

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.4105, 0.3440, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2289, 0.4074, 0.3323 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(176, 109, 107)` looks like.

```
.text, #text, p{  
    color:rgb(176, 109, 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(176, 109, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 109, 107) }
```

Border

The CSS property to change the border of an element to Yxy 21.2289, 0.4074, 0.3323 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(176, 109, 107) }
```

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

```
.border{ border-color:rgb(176, 109, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 109, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 109, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 109, 107);  
box-shadow:4px 4px 4px 4px rgb(176, 109,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2289, 0.4074, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 109, 107) }
```

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

```
.background{ background-color: rgb(176,  
109, 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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