

Converting Colors

$Y_{xy}(21.9865, 0.4122, 0.3293)$

Have a look what the booklet for
Yxy(21.9865, 0.4122, 0.3293)
contains.

Yxy(21.9865, 0.4122, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.9865, 0.4122, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	B66D6D
RGB	182, 109, 109
RGB Percent	71%, 43%, 43%
CMY	0.2862, 0.5725, 0.5726
CMYK	0.00, 0.40, 0.40, 0.29
HSL	0°, 33%, 57%
HSV	0°, 40%, 71%
XYZ	27.5215, 21.9865, 17.2594
YIQ	130.8270, 43.5080, 15.4760

Conversions

Conversions Part 2

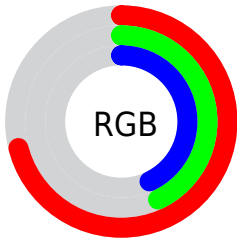
Format	Color
R _Y B	182, 109, 109
Decimal	11955565
CIE Lab	54.01, 29.01, 12.47
CIE LCh	54, 31.576, 23.266
Yxy	21.9865, 0.4122, 0.3293
Android (android.graphics.Color)	4290145645 (0xFFB66D6D)
YUV	130.8270, -10.7607, 44.8787
Hunter-Lab	46.8898, 22.7118, 10.9991

Details

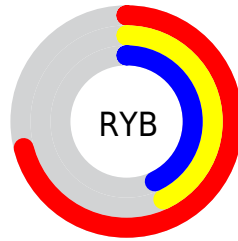
The Yxy color **21.9865, 0.4122, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.0849, 0.2582, 0.3288**, and the grayscale version is **22.6600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.5531, 0.3905, 0.3303**, and **8.0151, 0.4503, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **18.1462, 0.4520, 0.3294**, and if you desaturate by 10%, it is **26.7140, 0.3790, 0.3292**.

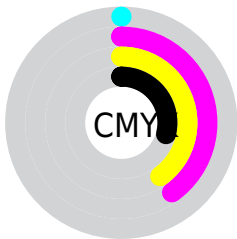
Distribution



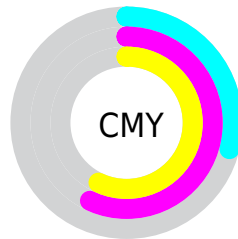
- Red (71%)
- Green (43%)
- Blue (43%)



- Red (71%)
- Yellow (43%)
- Blue (43%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (29%)




- Cyan (29%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9865, 0.4122, 0.3293 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 21.9865, 0.4122, 0.3293 by changing the saturation by 10% instead.


 21.9865, 0.4122,
0.3293


 21.9865, 0.4122,
0.3293


262.4758, 0.3557,
0.3308


 13.8470, 0.4289,
0.3281


 46.7237, 0.3898,
0.3304

 8.0143, 0.4522,
0.3258


 64.0901, 0.3820,
0.3306

 4.1041, 0.4866,
0.3211

 85.3010, 0.3756,
0.3307

 1.7320, 0.5423,
0.3110

 110.7407, 0.3703,
0.3308

 0.4442, 0.7239,
0.2761

140.7937, 0.3658,
0.3308

 0.0000, 1.0000,
0.0000

175.8442, 0.3620,


 0.0000, 0.0000,

0.3308


0.0000

216.2768, 0.3587,
0.3308


 21.9865, 0.4122,
0.3293

 21.9865, 0.4122,
0.3293


 18.1462, 0.4520,
0.3294


 26.7140, 0.3790,
0.3292


 15.1348, 0.4973,
0.3296

 32.3757, 0.3520,
0.3291


 12.8922, 0.5449,
0.3297


 39.0192, 0.3303,
0.3291

 11.3488, 0.5886,
0.3298


 46.6881, 0.3129,
0.3290


 10.4225, 0.6210,
0.3299

 55.4230, 0.2990,
0.3290

 9.9465, 0.6401,
0.3300

 65.2627, 0.2878,
0.3289

 76.2439, 0.2787,
0.3289

 88.4014, 0.2712,
0.3289

 88.6861, 0.2711,
0.3289

Harmonies

Analogous

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



21.9865, 0.3684, 0.2881



21.9865, 0.4122, 0.3293



21.9865, 0.4258, 0.3734

Triad

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



21.9865, 0.4122, 0.3293



21.9865, 0.3065, 0.4194



21.9865, 0.2238, 0.2443

Complementary

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



21.9865, 0.4122, 0.3293



40.0849, 0.2582, 0.3288

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.



21.9865, 0.2110, 0.2695



21.9865, 0.4122, 0.3293



21.9865, 0.2556, 0.3738

Square

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



21.9865, 0.4122, 0.3293



21.9865, 0.3618, 0.4320



21.9865, 0.2218, 0.3160



21.9865, 0.2586, 0.2409

Rectangle

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



21.9865, 0.4122, 0.3293



21.9865, 0.4160, 0.4004



21.9865, 0.2218, 0.3160



21.9865, 0.2170, 0.2502

Sweetspot

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



21.9876, 0.4122, 0.3293



68.0698, 0.3344, 0.3291



24.2598, 0.3173, 0.2318



14.6780, 0.3371, 0.3291



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



21.9876, 0.4122, 0.3293



33.7161, 0.4464, 0.3294



31.4544, 0.3908, 0.3810



9.0124, 0.3288, 0.3291



7.0234, 0.6401, 0.3300



0.2476, 0.6400, 0.3300

Inverse Universe

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



40.0849, 0.2582, 0.3288



71.0066, 0.2493, 0.3288



27.0329, 0.2492, 0.2699



10.2105, 0.2985, 0.3290



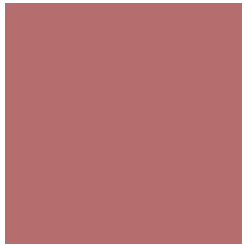
26.0063, 0.2246, 0.3287



0.9168, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 21.9865, 0.4122, 0.3293 looks on a white background.

Color Contrast Check

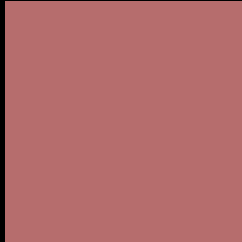
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.9865, 0.4122, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

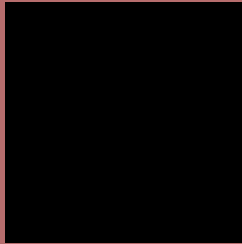
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9865, 0.4122, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 21.9865, 0.4122, 0.3293.



This preview shows how white text looks on a background with the Yxy color 21.9865, 0.4122, 0.3293.

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

21.9865, 0.4122, 0.3293

Protanopia

22.1008, 0.3297, 0.3468

Deuteranopia

22.1919, 0.3664, 0.3612



Tritanopia

22.0534, 0.4041, 0.3178

Trichromacy



Original Color

21.9865, 0.4122, 0.3293

Protanomaly

21.7362, 0.3578, 0.3409

Deuteranomaly

21.9366, 0.3836, 0.3484

Tritanomaly

21.9847, 0.4084, 0.3221

Monochromacy



Original Color

21.9865, 0.4122, 0.3293

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.0800, 0.3463, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9865, 0.4122, 0.3293 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(182, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 109, 109)  
}
```

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(182, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 109, 109) }
```

Border

The CSS property to change the border of an element to Yxy 21.9865, 0.4122, 0.3293 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(182, 109, 109) }
```

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

```
.border{ border-color:rgb(182, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 109,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9865, 0.4122, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 109, 109) }
```

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

```
.background{ background-color: rgb(182,  
109, 109) }
```

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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