

Converting Colors

$Y_{xy}(19.9982, 0.3624, 0.2945)$

Have a look what the booklet for
Yxy(19.9982, 0.3624, 0.2945)
contains.

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Color

Yxy(20.0997, 0.3628, 0.2948)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A56B81 |
| RGB | 165, 107, 129 |
| RGB Percent | 65%, 42%, 51% |
| CMY | 0.3530, 0.5804, 0.4941 |
| CMYK | 0.00, 0.35, 0.22, 0.35 |
| HSL | 337°, 24%, 53% |
| HSV | 337°, 35%, 65% |
| XYZ | 24.7360, 20.0997, 23.3451 |
| YIQ | 126.8500, 27.5060, 19.1380 |

Conversions

Conversions Part 2

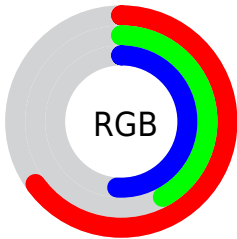
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 165, 107, 129 |
| Decimal | 10840961 |
| CIE _{Lab} | 51.95, 26.34, -2.55 |
| CIE _{LCh} | 52, 26.464, 354.472 |
| Yxy | 20.0997, 0.3628, 0.2948 |
| Android (android.graphics.Color) | 4289031041 (0xFFA56B81) |
| YUV | 126.8500, 1.0599, 33.4575 |
| Hunter-Lab | 44.8327, 20.0284, 0.5096 |

Details

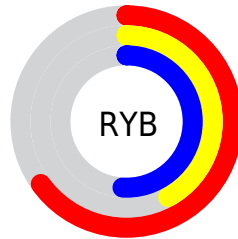
The Yxy color $20.0997, 0.3628, 0.2948$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.0169, 0.2801, 0.3665$, and the grayscale version is $21.1591, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.5458, 0.3513, 0.3020$, and $7.0500, 0.3837, 0.2805$ is the 20% darker color. If you saturate the color by 10%, you get $16.7232, 0.3840, 0.2850$, and if you desaturate by 10%, it is $24.1619, 0.3450, 0.3049$.

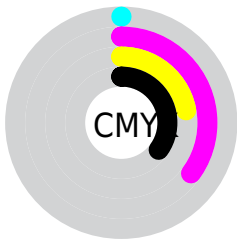
Distribution



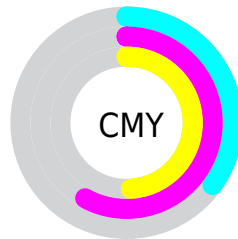
- Red (65%)
- Green (42%)
- Blue (51%)



- Red (65%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (35%)




- Cyan (35%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.0997, 0.3628, 0.2948 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 20.0997, 0.3628, 0.2948 by changing the saturation by 10% instead.


 20.0997, 0.3628,
0.2948


 20.0997, 0.3628,
0.2948


252.4543, 0.3344,
0.3140


 12.4675, 0.3713,
0.2892


 43.5843, 0.3515,
0.3024


 7.0629, 0.3832,
0.2813


 60.2055, 0.3476,
0.3050

 3.5015, 0.4011,
0.2696

 80.5918, 0.3444,
0.3072

 1.3988, 0.4310,
0.2506

 105.1277, 0.3417,
0.3090

 0.2158, 0.5742,
0.1461

134.1975, 0.3395,
0.3105

 0.0000, 0.0000,
0.0000

168.1856, 0.3376,

0.3118

207.4764, 0.3359,
0.3130

■ 20.0997, 0.3628,
0.2948

■ 20.0997, 0.3628,
0.2948

■ 16.7232, 0.3840,
0.2850

■ 24.1619, 0.3450,
0.3049

■ 13.9912, 0.4088,
0.2763

■ 28.9421, 0.3303,
0.3149

■ 11.8626, 0.4370,
0.2697


■ 34.4741, 0.3181,
0.3243

■ 10.2904, 0.4677,
0.2663


■ 40.7886, 0.3081,
0.3332


■ 9.2202, 0.4994,
0.2674

■ 47.9148, 0.2999,
0.3415

 8.5844, 0.5298,
0.2734

 55.8802, 0.2931,
0.3490

 8.3527, 0.5441,
0.2771

 64.7110, 0.2876,
0.3560

 74.4324, 0.2829,
0.3623

 84.7481, 0.2791,
0.3675

Harmonies

Analogous

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



20.0997, 0.3134, 0.2665



20.0997, 0.3628, 0.2948



20.0997, 0.3995, 0.3316

Triad

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



20.0997, 0.3628, 0.2948



20.0997, 0.3542, 0.4178



20.0997, 0.2236, 0.2766

Complementary

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



20.0997, 0.3628, 0.2948



32.0169, 0.2801, 0.3665

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.



20.0997, 0.2326, 0.3166



20.0997, 0.3628, 0.2948



20.0997, 0.3060, 0.4049

Square

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



20.0997, 0.3628, 0.2948



20.0997, 0.3929, 0.4028



20.0997, 0.2619, 0.3655



20.0997, 0.2358, 0.2547

Rectangle

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



20.0997, 0.3628, 0.2948



20.0997, 0.4100, 0.3577



20.0997, 0.2619, 0.3655



20.0997, 0.2243, 0.2882

Sweetspot

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



20.1006, 0.3628, 0.2948



55.5804, 0.3252, 0.3187



19.0521, 0.2901, 0.2369



11.8823, 0.3268, 0.3174



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



20.1006, 0.3628, 0.2948



31.2818, 0.3786, 0.2873



21.0437, 0.3903, 0.3399



7.1283, 0.3228, 0.3205



6.3287, 0.5415, 0.2757



0.1420, 0.4485, 0.2245

Inverse Universe

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



20.1006, 0.3628, 0.2948



31.2818, 0.3786, 0.2873



30.3741, 0.2627, 0.3176



7.1283, 0.3228, 0.3205



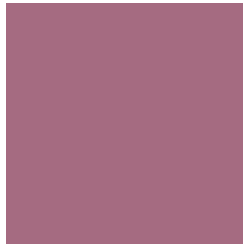
6.3287, 0.5415, 0.2757



0.1420, 0.4485, 0.2245

Previews

White Background



This preview shows how the Yxy color 20.0997, 0.3628, 0.2948 looks on a white background.

Color Contrast Check

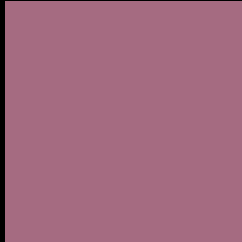
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0997, 0.3628, 0.2948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

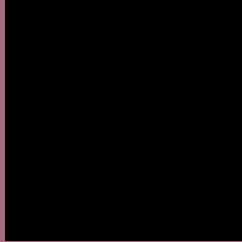
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0997, 0.3628, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 20.0997, 0.3628, 0.2948.



This preview shows how white text looks on a background with the Yxy color 20.0997, 0.3628, 0.2948.

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

20.0997, 0.3628, 0.2948

Protanopia

20.1676, 0.2941, 0.3001

Deuteranopia

20.1161, 0.3233, 0.3166



Tritanopia

20.1141, 0.3775, 0.3165

Trichromacy



Original Color

20.0997, 0.3628, 0.2948

Protanomaly

19.8751, 0.3179, 0.2978

Deuteranomaly

19.9310, 0.3370, 0.3070

Tritanomaly

19.9981, 0.3723, 0.3086

Monochromacy



Original Color

20.0997, 0.3628, 0.2948

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.6542, 0.3296, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0997, 0.3628, 0.2948 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(165, 107, 129)` looks like.

```
.text, #text, p{  
    color:rgb(165, 107, 129)  
}
```

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(165, 107, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 107, 129) }
```

Border

The CSS property to change the border of an element to Yxy 20.0997, 0.3628, 0.2948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

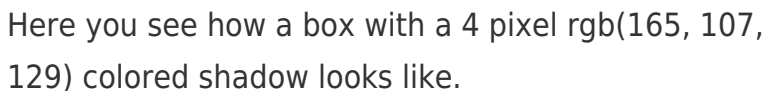
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 107, 129) }
```

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

```
.border{ border-color:rgb(165, 107, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 107, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 107, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 107, 129); box-shadow:4px 4px 4px 4px rgb(165, 107, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0997, 0.3628, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 107, 129) }
```

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

```
.background{ background-color: rgb(165,  
107, 129) }
```

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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