

Converting Colors

$Y_{xy}(20.2274, 0.3690, 0.2955)$

Have a look what the booklet for
Yxy(20.2274, 0.3690, 0.2955)
contains.

Yxy(20.1914, 0.3685, 0.2953)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(20.1914, 0.3685, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	A86A80
RGB	168, 106, 128
RGB Percent	66%, 42%, 50%
CMY	0.3412, 0.5843, 0.4981
CMYK	0.00, 0.37, 0.24, 0.34
HSL	339°, 26%, 54%
HSV	339°, 37%, 66%
XYZ	25.1965, 20.1914, 22.9880
YIQ	127.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

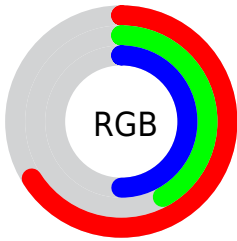
Format	Color
R_{YB}	168, 106, 128
Decimal	11037312
CIE Lab	52.05, 27.86, -1.76
CIE LCh	52, 27.920, 356.390
Yxy	20.1914, 0.3685, 0.2953
Android (android.graphics.Color)	4289227392 (0xFFA86A80)
YUV	127.0460, 0.4703, 35.9167
Hunter-Lab	44.9348, 21.4551, 1.1225

Details

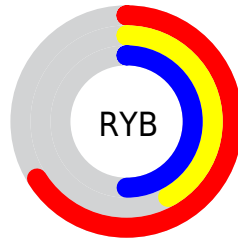
The Yxy color **20.1914, 0.3685, 0.2953** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.1419, 0.2776, 0.3660**, and the grayscale version is **21.2312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6372, 0.3554, 0.3022**, and **7.0682, 0.3906, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **16.7917, 0.3914, 0.2863**, and if you desaturate by 10%, it is **24.3018, 0.3493, 0.3048**.

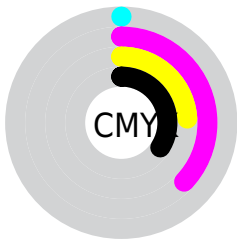
Distribution



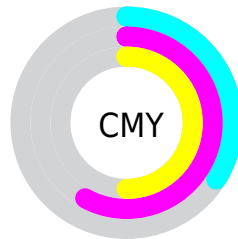
- Red (66%)
- Green (42%)
- Blue (50%)



- Red (66%)
- Yellow (42%)
- Blue (50%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (34%)





- Cyan (34%)
- Magenta (58%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1914, 0.3685, 0.2953 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 20.1914, 0.3685, 0.2953 by changing the saturation by 10% instead.


 20.1914, 0.3685,
0.2953


 20.1914, 0.3685,
0.2953


252.9494, 0.3369,
0.3143


 12.5343, 0.3780,
0.2897


 43.7378, 0.3559,
0.3028


 7.1086, 0.3912,
0.2819


 60.3959, 0.3516,
0.3054

 3.5301, 0.4112,
0.2702

 80.8231, 0.3480,
0.3076

 1.4144, 0.4446,
0.2511

 105.4038, 0.3450,
0.3093

 0.2273, 0.6003,
0.1520

134.5224, 0.3425,
0.3109

 0.0000, 0.0000,
0.0000

168.5632, 0.3404,

0.3122

207.9108, 0.3385,
0.3133

■ 20.1914, 0.3685,
0.2953

■ 20.1914, 0.3685,
0.2953

■ 16.7917, 0.3914,
0.2863

■ 24.3018, 0.3493,
0.3048

■ 14.0591, 0.4181,
0.2785

■ 29.1574, 0.3334,
0.3141

■ 11.9495, 0.4483,
0.2729


■ 34.7940, 0.3203,
0.3231


■ 10.4126, 0.4808,
0.2708


■ 41.2442, 0.3096,
0.3316

■ 9.3896, 0.5138,
0.2732

■ 48.5388, 0.3008,
0.3394


 8.7952, 0.5448,
0.2802

 56.7069, 0.2936,
0.3465

 8.6454, 0.5542,
0.2826

 65.7763, 0.2876,
0.3531

 75.7734, 0.2827,
0.3591

 85.3108, 0.2784,
0.3622

Harmonies

Analogous

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



20.1914, 0.3167, 0.2650



20.1914, 0.3685, 0.2953



20.1914, 0.4058, 0.3341

Triad

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



20.1914, 0.3685, 0.2953



20.1914, 0.3530, 0.4228



20.1914, 0.2195, 0.2717

Complementary

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



20.1914, 0.3685, 0.2953



33.1419, 0.2776, 0.3660

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.



20.1914, 0.2274, 0.3125



20.1914, 0.3685, 0.2953



20.1914, 0.3022, 0.4074

Square

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



20.1914, 0.3685, 0.2953



20.1914, 0.3949, 0.4081



20.1914, 0.2566, 0.3643



20.1914, 0.2336, 0.2502

Rectangle

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



20.1914, 0.3685, 0.2953



20.1914, 0.4156, 0.3613



20.1914, 0.2566, 0.3643



20.1914, 0.2197, 0.2833

Sweetspot

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



20.1924, 0.3685, 0.2953



58.5630, 0.3257, 0.3193



19.1809, 0.2899, 0.2322



12.4773, 0.3273, 0.3182



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



20.1924, 0.3685, 0.2953



31.6602, 0.3863, 0.2881



21.4613, 0.3953, 0.3421



7.5846, 0.3232, 0.3210



6.5386, 0.5516, 0.2812



0.1688, 0.4622, 0.2320

Inverse Universe

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



20.1924, 0.3685, 0.2953



31.6602, 0.3863, 0.2881



30.9382, 0.2602, 0.3152



7.5846, 0.3232, 0.3210



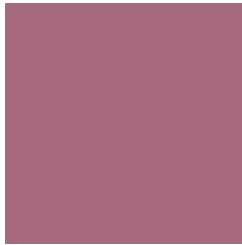
6.5386, 0.5516, 0.2812



0.1688, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 20.1914, 0.3685, 0.2953 looks on a white background.

Color Contrast Check

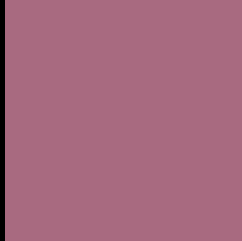
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1914, 0.3685, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

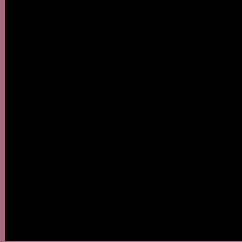
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1914, 0.3685, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 20.1914, 0.3685, 0.2953.



This preview shows how white text looks on a background with the Yxy color 20.1914, 0.3685, 0.2953.

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

20.1914, 0.3685, 0.2953

Protanopia

20.4903, 0.2953, 0.3020

Deuteranopia

20.3897, 0.3267, 0.3220



Tritanopia

20.2016, 0.3833, 0.3167

Trichromacy



Original Color

20.1914, 0.3685, 0.2953

Protanomaly

19.9608, 0.3192, 0.2980

Deuteranomaly

20.2930, 0.3419, 0.3122

Tritanomaly

20.0869, 0.3781, 0.3089

Monochromacy



Original Color

20.1914, 0.3685, 0.2953

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.4767, 0.3323, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1914, 0.3685, 0.2953 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(168, 106, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 106, 128)  
}
```

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(168, 106, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 106, 128) }
```

Border

The CSS property to change the border of an element to Yxy 20.1914, 0.3685, 0.2953 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(168, 106, 128) }
```

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

```
.border{ border-color:rgb(168, 106, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 106, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 106, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 106, 128);  
box-shadow:4px 4px 4px 4px rgb(168, 106,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1914, 0.3685, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 106, 128) }
```

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

```
.background{ background-color: rgb(168,  
106, 128) }
```

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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