

Converting Colors

$Y_{xy}(20.4237, 0.3564, 0.3072)$

Have a look what the booklet for
Yxy(20.4237, 0.3564, 0.3072)
contains.

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Color

Yxy(20.3638, 0.3561, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	9E707E
RGB	158, 112, 126
RGB Percent	62%, 44%, 49%
CMY	0.3804, 0.5608, 0.5059
CMYK	0.00, 0.29, 0.20, 0.38
HSL	342°, 19%, 53%
HSV	342°, 29%, 62%
XYZ	23.6592, 20.3638, 22.4168
YIQ	127.3500, 22.9220, 14.1060

Conversions

Conversions Part 2

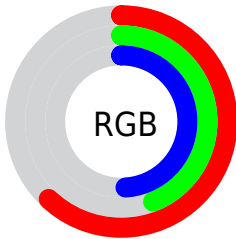
Format	Color
R_{YB}	158, 112, 126
Decimal	10383486
CIE _{Lab}	52.25, 20.36, -0.43
CIE _{LCh}	52, 20.367, 358.790
Yxy	20.3638, 0.3561, 0.3065
Android (android.graphics.Color)	4288573566 (0xFF9E707E)
YUV	127.3500, -0.6655, 26.8801
Hunter-Lab	45.1263, 14.6147, 2.1357

Details

The Yxy color **20.3638, 0.3561, 0.3065** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9120, 0.2825, 0.3529**, and the grayscale version is **21.3467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9517, 0.3456, 0.3109**, and **7.2668, 0.3748, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **16.9100, 0.3776, 0.2985**, and if you desaturate by 10%, it is **24.4625, 0.3383, 0.3146**.

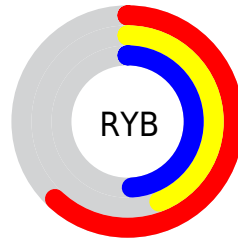
Distribution



Red (62%)

Green (44%)

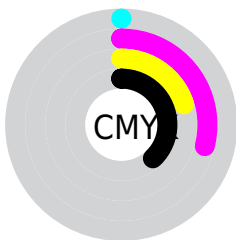
Blue (49%)



Red (62%)

Yellow (44%)

Blue (49%)

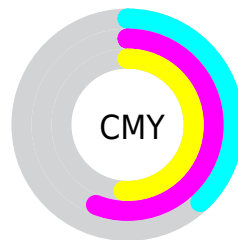


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (38%)



Cyan (38%)


Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3638, 0.3561, 0.3065 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 20.3638, 0.3561, 0.3065 by changing the saturation by 10% instead.


 20.3638, 0.3561,
0.3065


 20.3638, 0.3561,
0.3065


253.8778, 0.3315,
0.3193


 12.6598, 0.3635,
0.3027


 44.0263, 0.3463,
0.3116

 7.1947, 0.3740,
0.2973


 60.7535, 0.3429,
0.3133

 3.5842, 0.3898,
0.2892

 81.2573, 0.3401,
0.3148

 1.4438, 0.4165,
0.2755

 105.9220, 0.3378,
0.3160

 0.2487, 0.5717,
0.1938

135.1320, 0.3358,
0.3170

 0.0000, 0.0000,
0.0000

169.2717, 0.3342,

0.3179

208.7255, 0.3327,
0.3186

■ 20.3638, 0.3561,
0.3065

■ 20.3638, 0.3561,
0.3065

■ 16.9100, 0.3776,
0.2985

■ 24.4625, 0.3383,
0.3146

■ 14.0653, 0.4033,
0.2909

■ 29.2339, 0.3237,
0.3223

■ 11.7947, 0.4332,
0.2847


■ 34.7076, 0.3117,
0.3296

■ 10.0585, 0.4667,
0.2809


■ 40.9104, 0.3020,
0.3364

■ 8.8119, 0.5022,
0.2804


■ 47.8681, 0.2940,
0.3426

 8.0024, 0.5372,
0.2843


 55.6048, 0.2874,
0.3483

 7.5211, 0.5691,
0.2918

 64.1438, 0.2819,
0.3535

 7.4823, 0.5719,
0.2924

 73.5072, 0.2774,
0.3582

 83.7166, 0.2736,
0.3625

Harmonies

Analogous

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



20.3638, 0.3192, 0.2826



20.3638, 0.3561, 0.3065



20.3638, 0.3815, 0.3364

Triad

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



20.3638, 0.3561, 0.3065



20.3638, 0.3403, 0.3963



20.3638, 0.2434, 0.2858

Complementary

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



20.3638, 0.3561, 0.3065



29.9120, 0.2825, 0.3529

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.



20.3638, 0.2483, 0.3152



20.3638, 0.3561, 0.3065



20.3638, 0.3029, 0.3827

Square

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



20.3638, 0.3561, 0.3065



20.3638, 0.3714, 0.3890



20.3638, 0.2696, 0.3517



20.3638, 0.2555, 0.2700

Rectangle

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



20.3638, 0.3561, 0.3065



20.3638, 0.3876, 0.3568



20.3638, 0.2696, 0.3517



20.3638, 0.2431, 0.2943

Sweetspot

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



20.3647, 0.3561, 0.3065



53.0278, 0.3238, 0.3223



19.9369, 0.2986, 0.2547



11.6681, 0.3256, 0.3212



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



20.3647, 0.3561, 0.3065



32.7302, 0.3698, 0.3012



21.9775, 0.3713, 0.3429



6.6777, 0.3239, 0.3222



5.9992, 0.5698, 0.2912



0.1143, 0.4686, 0.2355

Inverse Universe

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



20.3647, 0.3561, 0.3065



32.7302, 0.3698, 0.3012



27.5880, 0.2701, 0.3146



6.6777, 0.3239, 0.3222



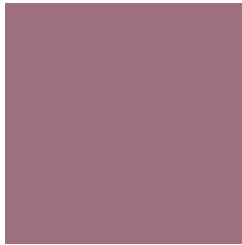
5.9992, 0.5698, 0.2912



0.1143, 0.4686, 0.2355

Previews

White Background



This preview shows how the Yxy color 20.3638, 0.3561, 0.3065 looks on a white background.

Color Contrast Check

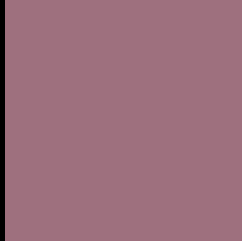
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3638, 0.3561, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

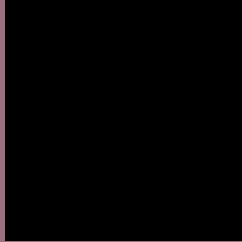
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3638, 0.3561, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 20.3638, 0.3561, 0.3065.



This preview shows how white text looks on a background with the Yxy color 20.3638, 0.3561, 0.3065.

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

20.3638, 0.3561, 0.3065

Protanopia

20.4687, 0.3040, 0.3127

Deuteranopia

20.4483, 0.3292, 0.3238



Tritanopia

20.3588, 0.3611, 0.3161

Trichromacy



Original Color

20.3638, 0.3561, 0.3065

Protanomaly

20.3630, 0.3222, 0.3115

Deuteranomaly

20.4573, 0.3388, 0.3171

Tritanomaly

20.4084, 0.3585, 0.3128

Monochromacy



Original Color

20.3638, 0.3561, 0.3065

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8546, 0.3267, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3638, 0.3561, 0.3065 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(158, 112, 126)` looks like.

```
.text, #text, p{  
    color:rgb(158, 112, 126)  
}
```

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(158, 112, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 112, 126) }
```

Border

The CSS property to change the border of an element to Yxy 20.3638, 0.3561, 0.3065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

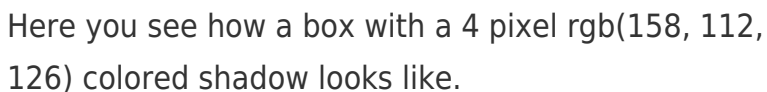
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 112, 126) }
```

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

```
.border{ border-color:rgb(158, 112, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 112, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 112, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 112, 126);  
box-shadow:4px 4px 4px 4px rgb(158, 112,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3638, 0.3561, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 112, 126) }
```

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

```
.background{ background-color: rgb(158,  
112, 126) }
```

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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