

Converting Colors

$Y_{xy}(20.4090, 0.3540, 0.3099)$

Have a look what the booklet for
Yxy(20.4090, 0.3540, 0.3099)
contains.

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Color

Yxy(20.3588, 0.3545, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	9C717D
RGB	156, 113, 125
RGB Percent	61%, 44%, 49%
CMY	0.3882, 0.5569, 0.5098
CMYK	0.00, 0.28, 0.20, 0.39
HSL	343°, 18%, 53%
HSV	343°, 28%, 61%
XYZ	23.3189, 20.3588, 22.1020
YIQ	127.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

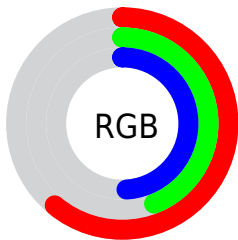
Format	Color
RYB	156, 113, 125
Decimal	10252669
CIELab	52.24, 18.87, 0.12
CIELCh	52, 18.872, 0.351
Yxy	20.3588, 0.3545, 0.3095
Android (android.graphics.Color)	4288442749 (0xFF9C717D)
YUV	127.2250, -1.0969, 25.2357
Hunter-Lab	45.1207, 13.2895, 2.5419

Details

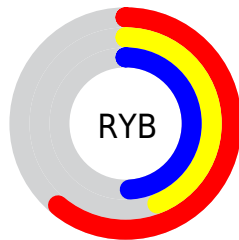
The Yxy color **20.3588, 0.3545, 0.3095** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3061, 0.2831, 0.3496**, and the grayscale version is **21.3036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9735, 0.3444, 0.3132**, and **7.2455, 0.3723, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **16.9014, 0.3762, 0.3021**, and if you desaturate by 10%, it is **24.4491, 0.3366, 0.3169**.

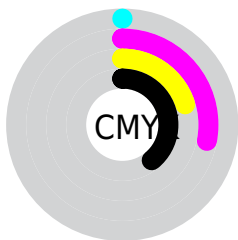
Distribution



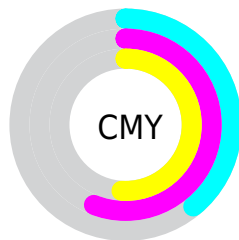
- Red (61%)
- Green (44%)
- Blue (49%)



- Red (61%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (39%)




- Cyan (39%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.3588, 0.3545, 0.3095 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 20.3588, 0.3545, 0.3095 by changing the saturation by 10% instead.


 20.3588, 0.3545,
0.3095


 20.3588, 0.3545,
0.3095


253.8509, 0.3307,
0.3206


 12.6561, 0.3617,
0.3061


 44.0179, 0.3450,
0.3139

 7.1922, 0.3718,
0.3014


 60.7432, 0.3417,
0.3155

 3.5826, 0.3871,
0.2942

 81.2447, 0.3391,
0.3167

 1.4429, 0.4131,
0.2820

 105.9070, 0.3368,
0.3178

 0.2480, 0.5773,
0.2056

135.1143, 0.3350,
0.3186

 0.0000, 0.0000,
0.0000

169.2512, 0.3333,

0.3194

208.7019, 0.3320,
0.3200

■ 20.3588, 0.3545,
0.3095

■ 20.3588, 0.3545,
0.3095

■ 16.9014, 0.3762,
0.3021

■ 24.4491, 0.3366,
0.3169

■ 14.0423, 0.4022,
0.2951

■ 29.1989, 0.3220,
0.3239

■ 11.7481, 0.4326,
0.2892

■ 34.6367, 0.3100,
0.3306

■ 9.9807, 0.4670,
0.2855

■ 40.7886, 0.3003,
0.3367

■ 8.6975, 0.5037,
0.2848

■ 47.6792, 0.2923,
0.3423

■ 7.8488, 0.5400,
0.2882

■ 55.3320, 0.2857,
0.3474

■ 7.3508, 0.5728,
0.2954

■ 63.7694, 0.2802,
0.3521

■ 7.2476, 0.5804,
0.2971

■ 73.0129, 0.2757,
0.3563

■ 83.0833, 0.2719,
0.3602

Harmonies

Analogous

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



20.3588, 0.3207, 0.2867



20.3588, 0.3545, 0.3095



20.3588, 0.3772, 0.3376

Triad

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



20.3588, 0.3545, 0.3095



20.3588, 0.3367, 0.3910



20.3588, 0.2484, 0.2879

Complementary

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



20.3588, 0.3545, 0.3095



29.3061, 0.2831, 0.3496

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.



20.3588, 0.2522, 0.3148



20.3588, 0.3545, 0.3095



20.3588, 0.3020, 0.3774

Square

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



20.3588, 0.3545, 0.3095



20.3588, 0.3660, 0.3855



20.3588, 0.2713, 0.3483



20.3588, 0.2605, 0.2738

Rectangle

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



20.3588, 0.3545, 0.3095



20.3588, 0.3822, 0.3565



20.3588, 0.2713, 0.3483



20.3588, 0.2479, 0.2956

Sweetspot

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



20.3597, 0.3545, 0.3095



52.4833, 0.3228, 0.3235



20.1242, 0.3012, 0.2593



11.2643, 0.3247, 0.3226



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



20.3597, 0.3545, 0.3095



33.0199, 0.3672, 0.3050



22.2588, 0.3666, 0.3445



6.6751, 0.3242, 0.3228



5.9739, 0.5785, 0.2961



0.1134, 0.4780, 0.2407

Inverse Universe

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



20.3597, 0.3545, 0.3095



33.0199, 0.3672, 0.3050



26.6836, 0.2721, 0.3129



6.6751, 0.3242, 0.3228



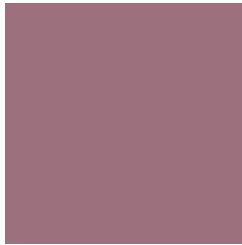
5.9739, 0.5785, 0.2961



0.1134, 0.4780, 0.2407

Previews

White Background



This preview shows how the Yxy color 20.3588, 0.3545, 0.3095 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 20.3588, 0.3545, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

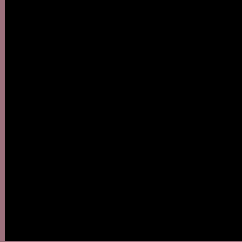
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.3588, 0.3545, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 20.3588, 0.3545, 0.3095.



This preview shows how white text looks on a background with the Yxy color 20.3588, 0.3545, 0.3095.

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

20.3588, 0.3545, 0.3095

Protanopia

20.4412, 0.3051, 0.3145

Deuteranopia

20.4483, 0.3292, 0.3238



Tritanopia

20.2833, 0.3585, 0.3144

Trichromacy



Original Color

20.3588, 0.3545, 0.3095

Protanomaly

20.2522, 0.3222, 0.3132

Deuteranomaly

20.3414, 0.3388, 0.3188

Tritanomaly

20.3082, 0.3571, 0.3127

Monochromacy



Original Color

20.3588, 0.3545, 0.3095

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.8287, 0.3279, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.3588, 0.3545, 0.3095 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(156, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(156, 113, 125)  
}
```

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(156, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 113, 125) }
```

Border

The CSS property to change the border of an element to Yxy 20.3588, 0.3545, 0.3095 is called "border". The border property can be set on classes, ids or directly on the HTML element.

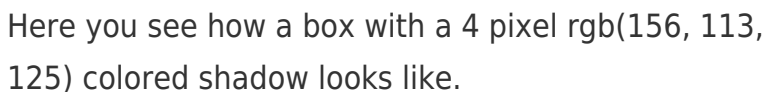
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 113, 125) }
```

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

```
.border{ border-color:rgb(156, 113, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 113, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 113, 125); box-shadow:4px 4px 4px 4px rgb(156, 113, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 20.3588, 0.3545, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 113, 125) }
```

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

```
.background{ background-color: rgb(156,  
113, 125) }
```

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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