

Converting Colors

$Y_{xy}(19.9889, 0.3291, 0.3172)$

Have a look what the booklet for
Yxy(19.9889, 0.3291, 0.3172)
contains.

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Color

Yxy(20.0776, 0.3296, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	8A777D
RGB	138, 119, 125
RGB Percent	54%, 47%, 49%
CMY	0.4589, 0.5333, 0.5098
CMYK	0.00, 0.14, 0.09, 0.46
HSL	341°, 7%, 50%
HSV	341°, 14%, 54%
XYZ	20.7773, 20.0776, 22.1831
YIQ	125.3650, 9.3980, 5.8940

Conversions

Conversions Part 2

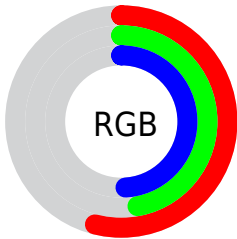
Format	Color
R _Y B	138, 119, 125
Decimal	9074557
CIE Lab	51.92, 8.42, -0.57
CIE LCh	52, 8.439, 356.112
Yxy	20.0776, 0.3296, 0.3185
Android (android.graphics.Color)	4287264637 (0xFF8A777D)
YUV	125.3650, -0.1799, 11.0809
Hunter-Lab	44.8080, 4.3557, 2.0130

Details

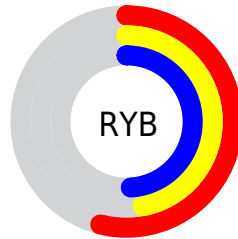
The Yxy color $20.0776, 0.3296, 0.3185$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.7595, 0.2983, 0.3398$, and the grayscale version is $20.6358, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.5466, 0.3258, 0.3200$, and $7.1030, 0.3371, 0.3158$ is the 20% darker color. If you saturate the color by 10%, you get $16.7989, 0.3451, 0.3104$, and if you desaturate by 10%, it is $23.8579, 0.3169, 0.3262$.

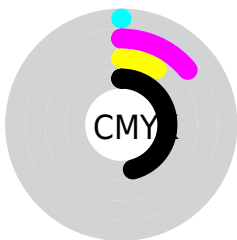
Distribution



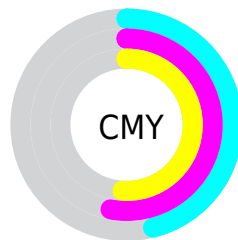
- Red (54%)
- Green (47%)
- Blue (49%)



- Red (54%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.0776, 0.3296, 0.3185 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 20.0776, 0.3296, 0.3185 by changing the saturation by 10% instead.

■ 20.0776, 0.3296,
0.3185

■ 20.0776, 0.3296,
0.3185

252.3349, 0.3200,
0.3245

■ 12.4515, 0.3325,
0.3167

■ 43.5472, 0.3258,
0.3209

■ 7.0519, 0.3366,
0.3142

■ 60.1595, 0.3244,
0.3217

■ 3.4946, 0.3429,
0.3103

■ 80.5360, 0.3234,
0.3224

■ 1.3951, 0.3536,
0.3037

105.0611, 0.3225,
0.3229

■ 0.2131, 0.4569,
0.2386

134.1191, 0.3217,
0.3234

■ 0.0000, 0.0000,
0.0000

168.0945, 0.3210,

0.3238

207.3716, 0.3205,
0.3242

■ 20.0776, 0.3296,
0.3185

■ 20.0776, 0.3296,
0.3185

■ 16.7989, 0.3451,
0.3104

■ 23.8579, 0.3169,
0.3262

■ 13.9980, 0.3639,
0.3020

■ 28.1569, 0.3064,
0.3334

■ 11.6532, 0.3864,
0.2939

■ 32.9942, 0.2979,
0.3401

■ 9.7401, 0.4129,
0.2866

■ 38.3878, 0.2908,
0.3462

■ 8.2318, 0.4433,
0.2810

■ 44.3545, 0.2850,
0.3518

■ 7.0987, 0.4768,
0.2781

■ 50.9106, 0.2801,
0.3569

■ 6.3068, 0.5115,
0.2790

■ 58.0719, 0.2761,
0.3615

■ 5.8148, 0.5447,
0.2844

■ 65.8532, 0.2727,
0.3658

■ 5.5803, 0.5646,
0.2884

■ 74.2691, 0.2698,
0.3697

Harmonies

Analogous

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



20.0776, 0.3144, 0.3081



20.0776, 0.3296, 0.3185



20.0776, 0.3404, 0.3317

Triad

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



20.0776, 0.3296, 0.3185



20.0776, 0.3260, 0.3564



20.0776, 0.2828, 0.3124

Complementary

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



20.0776, 0.3296, 0.3185



23.7595, 0.2983, 0.3398

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.



20.0776, 0.2858, 0.3253



20.0776, 0.3296, 0.3185



20.0776, 0.3105, 0.3513

Square

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



20.0776, 0.3296, 0.3185



20.0776, 0.3382, 0.3538



20.0776, 0.2958, 0.3397



20.0776, 0.2876, 0.3043

Rectangle

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



20.0776, 0.3296, 0.3185



20.0776, 0.3435, 0.3405



20.0776, 0.2958, 0.3397



20.0776, 0.2829, 0.3162

Sweetspot

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



20.0785, 0.3296, 0.3185



41.8273, 0.3173, 0.3260



19.9339, 0.3069, 0.2957



9.2749, 0.3180, 0.3255



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



20.0785, 0.3296, 0.3185



33.8197, 0.3333, 0.3164



20.7730, 0.3361, 0.3352



5.0729, 0.3234, 0.3221



5.1204, 0.5637, 0.2879



0.0364, 0.4582, 0.2298

Inverse Universe

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



20.0785, 0.3296, 0.3185



33.8197, 0.3333, 0.3164



22.9465, 0.2924, 0.3227



5.0729, 0.3234, 0.3221



5.1204, 0.5637, 0.2879



0.0364, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 20.0776, 0.3296, 0.3185 looks on a white background.

Color Contrast Check

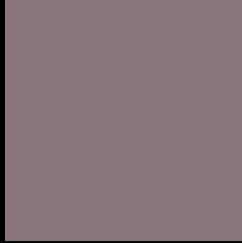
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0776, 0.3296, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

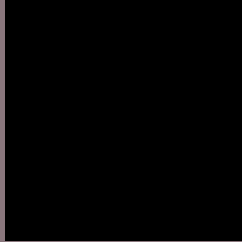
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.0776, 0.3296, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 20.0776, 0.3296, 0.3185.



This preview shows how white text looks on a background with the Yxy color 20.0776, 0.3296, 0.3185.

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

20.0776, 0.3296, 0.3185

Protanopia

20.0582, 0.3106, 0.3217

Deuteranopia

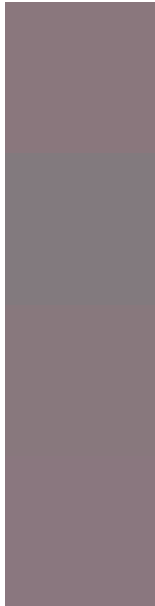
20.0645, 0.3257, 0.3201



Tritanopia

20.1554, 0.3260, 0.3133

Trichromacy



Original Color

20.0776, 0.3296, 0.3185

Protanomaly

20.1713, 0.3180, 0.3218

Deuteranomaly

20.1479, 0.3269, 0.3202

Tritanomaly

20.1292, 0.3272, 0.3150

Monochromacy



Original Color

20.0776, 0.3296, 0.3185

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.3924, 0.3190, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.0776, 0.3296, 0.3185 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(138, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 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(138, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 125) }
```

Border

The CSS property to change the border of an element to Yxy 20.0776, 0.3296, 0.3185 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(138, 119, 125) }
```

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

```
.border{ border-color:rgb(138, 119, 125) }
```

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

Here you see how a box with a 4 pixel rgb(138, 119, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 125);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 20.0776, 0.3296, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 125) }
```

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

```
.background{ background-color: rgb(138,  
119, 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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