

Converting Colors

$Y_{xy}(20.8881, 0.3628, 0.3428)$

Have a look what the booklet for
Yxy(20.8881, 0.3628, 0.3428)
contains.

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Color

Yxy(20.8254, 0.3628, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	96776F
RGB	150, 119, 111
RGB Percent	59%, 47%, 44%
CMY	0.4117, 0.5334, 0.5647
CMYK	0.00, 0.21, 0.26, 0.41
HSL	12°, 16%, 51%
HSV	12°, 26%, 59%
XYZ	22.0468, 20.8254, 17.8964
YIQ	127.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

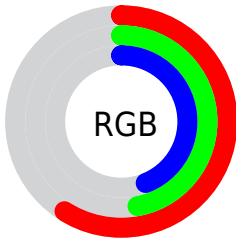
Format	Color
R_{YB}	150, 121, 111
Decimal	9860975
CIE _{Lab}	52.76, 10.84, 8.99
CIE _{LCh}	53, 14.087, 39.673
Yxy	20.8254, 0.3628, 0.3427
Android (android.graphics.Color)	4288051055 (0xFF96776F)
YUV	127.3570, -8.0640, 19.8579
Hunter-Lab	45.6349, 6.3749, 8.6930

Details

The Yxy color **20.8254, 0.3628, 0.3427** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9367, 0.2745, 0.3148**, and the grayscale version is **21.3765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.7493, 0.3513, 0.3392**, and **7.4620, 0.3833, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **17.8599, 0.3892, 0.3483**, and if you desaturate by 10%, it is **24.2047, 0.3407, 0.3372**.

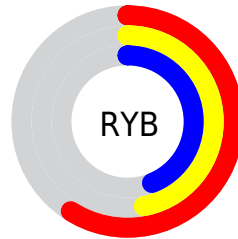
Distribution



Red (59%)

Green (47%)

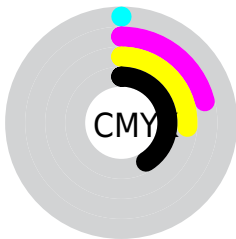
Blue (44%)



Red (59%)

Yellow (47%)

Blue (44%)

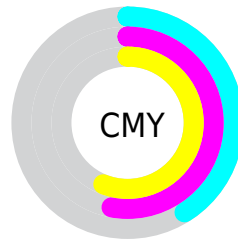


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.8254, 0.3628, 0.3427 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 20.8254, 0.3628, 0.3427 by changing the saturation by 10% instead.


 20.8254, 0.3628,
0.3427


 20.8254, 0.3628,
0.3427


256.3491, 0.3342,
0.3354


 12.9964, 0.3715,
0.3446


 44.7968, 0.3514,
0.3400

 7.4261, 0.3837,
0.3471


 61.7080, 0.3474,
0.3390

 3.7300, 0.4022,
0.3504

 82.4154, 0.3442,
0.3381

 1.5237, 0.4336,
0.3547

 107.3033, 0.3415,
0.3374

 0.3053, 0.6451,
0.3549

136.7563, 0.3393,
0.3368

 0.0000, 0.0000,
0.0000

171.1587, 0.3373,

0.3363

210.8948, 0.3357,
0.3358

■ 20.8254, 0.3628,
0.3427

■ 20.8254, 0.3628,
0.3427

■ 17.8599, 0.3892,
0.3483

■ 24.2047, 0.3407,
0.3372

■ 15.2894, 0.4203,
0.3536

■ 28.0101, 0.3223,
0.3320

■ 13.0980, 0.4559,
0.3581

■ 32.2566, 0.3069,
0.3271

■ 11.2673, 0.4951,
0.3610

■ 36.9581, 0.2942,
0.3226

■ 9.7777, 0.5353,
0.3614

■ 42.1274, 0.2835,
0.3186

■ 8.6073, 0.5729,
0.3586

■ 47.7770, 0.2746,
0.3149

■ 7.7307, 0.6034,
0.3526

■ 53.9191, 0.2670,
0.3115

■ 7.4525, 0.6143,
0.3504

■ 60.5651, 0.2606,
0.3085

■ 67.7264, 0.2551,
0.3057

Harmonies

Analogous

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



20.8254, 0.3500, 0.3210



20.8254, 0.3628, 0.3427



20.8254, 0.3614, 0.3620

Triad

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



20.8254, 0.3628, 0.3427



20.8254, 0.2973, 0.3586



20.8254, 0.2788, 0.2864

Complementary

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



20.8254, 0.3628, 0.3427



24.9367, 0.2745, 0.3148

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.



20.8254, 0.2660, 0.2942



20.8254, 0.3628, 0.3427



20.8254, 0.2763, 0.3358

Square

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



20.8254, 0.3628, 0.3427



20.8254, 0.3230, 0.3727



20.8254, 0.2651, 0.3119



20.8254, 0.3009, 0.2894

Rectangle

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



20.8254, 0.3628, 0.3427



20.8254, 0.3528, 0.3709



20.8254, 0.2651, 0.3119



20.8254, 0.2733, 0.2878

Sweetspot

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



20.8264, 0.3628, 0.3427



47.9093, 0.3259, 0.3331



19.8147, 0.3251, 0.2781



10.4048, 0.3284, 0.3338



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



20.8264, 0.3628, 0.3427



33.7235, 0.3770, 0.3458



25.9018, 0.3551, 0.3741



5.9965, 0.3277, 0.3336



6.2183, 0.6132, 0.3513



0.1112, 0.5466, 0.4042

Inverse Universe

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



24.9367, 0.2745, 0.3148



42.1796, 0.2667, 0.3114



19.6756, 0.2713, 0.2793



6.3625, 0.2990, 0.3244



12.8681, 0.2065, 0.2635



0.1984, 0.2161, 0.2979

Previews

White Background



This preview shows how the Yxy color 20.8254, 0.3628, 0.3427 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 20.8254, 0.3628, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

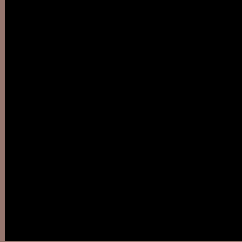
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.8254, 0.3628, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 20.8254, 0.3628, 0.3427.



This preview shows how white text looks on a background with the Yxy color 20.8254, 0.3628, 0.3427.

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

20.8254, 0.3628, 0.3427

Protanopia

20.9619, 0.3324, 0.3509

Deuteranopia

20.7517, 0.3541, 0.3465



Tritanopia

20.9043, 0.3468, 0.3142

Trichromacy



Original Color

20.8254, 0.3628, 0.3427

Protanomaly

20.7614, 0.3433, 0.3469

Deuteranomaly

20.6916, 0.3571, 0.3447

Tritanomaly

20.9167, 0.3516, 0.3241

Monochromacy



Original Color

20.8254, 0.3628, 0.3427

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.9467, 0.3297, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8254, 0.3628, 0.3427 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(150, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(150, 119, 111)  
}
```

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(150, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 119, 111) }
```

Border

The CSS property to change the border of an element to Yxy 20.8254, 0.3628, 0.3427 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(150, 119, 111) }
```

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

```
.border{ border-color:rgb(150, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(150, 119,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8254, 0.3628, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 119, 111) }
```

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

```
.background{ background-color: rgb(150,  
119, 111) }
```

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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