

Converting Colors

$Y_{xy}(28.7418, 0.3827, 0.3515)$

Have a look what the booklet for
Yxy(28.7418, 0.3827, 0.3515)
contains.

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Color

Yxy(28.7881, 0.3824, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	B58878
RGB	181, 136, 120
RGB Percent	71%, 53%, 47%
CMY	0.2903, 0.4666, 0.5294
CMYK	0.00, 0.25, 0.34, 0.29
HSL	16°, 29%, 59%
HSV	16°, 34%, 71%
XYZ	31.2477, 28.7881, 21.6789
YIQ	147.6310, 31.9560, 4.5640

Conversions

Conversions Part 2

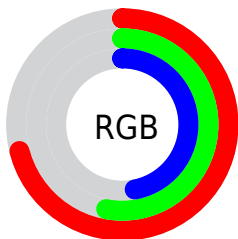
Format	Color
R_{YB}	181, 142, 120
Decimal	11896952
CIE _{Lab}	60.59, 14.94, 15.27
CIE _{LCh}	61, 21.366, 45.630
Yxy	28.7881, 0.3824, 0.3523
Android (android.graphics.Color)	4290087032 (0xFFB58878)
YUV	147.6310, -13.6221, 29.2646
Hunter-Lab	53.6545, 10.0606, 13.6023

Details

The Yxy color $28.7881, 0.3824, 0.3523$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.2299, 0.2625, 0.3042$, and the grayscale version is $29.5008, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.5509, 0.3683, 0.3480$, and $11.6225, 0.4086, 0.3593$ is the 20% darker color. If you saturate the color by 10%, you get $24.8620, 0.4117, 0.3593$, and if you desaturate by 10%, it is $33.2682, 0.3574, 0.3451$.

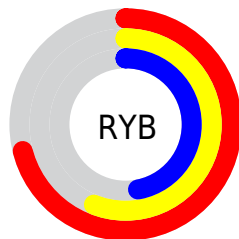
Distribution



Red (71%)

Green (53%)

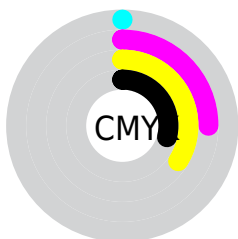
Blue (47%)



Red (71%)

Yellow (56%)

Blue (47%)

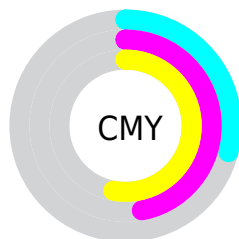


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7881, 0.3824, 0.3523 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 28.7881, 0.3824, 0.3523 by changing the saturation by 10% instead.


 28.7881, 0.3824,
0.3523


 28.7881, 0.3824,
0.3523


296.2138, 0.3444,
0.3407

 18.9206, 0.3930,
0.3551


 57.7402, 0.3678,
0.3481

 11.6129, 0.4073,
0.3585


 77.5937, 0.3626,
0.3466

 6.4807, 0.4275,
0.3627


 101.5445, 0.3583,
0.3452

 3.1395, 0.4583,
0.3675

129.9772, 0.3546,
0.3440

 1.2050, 0.5391,
0.3927

163.2760, 0.3515,
0.3430

 0.0658, 0.8666,
0.1334

201.8255, 0.3488,

 0.0000, 0.0000,

0.3422

0.0000

246.0100, 0.3465,
0.3414

■ 28.7881, 0.3824,
0.3523

■ 28.7881, 0.3824,
0.3523

■ 24.8620, 0.4117,
0.3593

■ 33.2682, 0.3574,
0.3451

■ 21.4640, 0.4453,
0.3655

■ 38.3188, 0.3362,
0.3380

■ 18.5721, 0.4822,
0.3700


■ 43.9607, 0.3185,
0.3313


■ 16.1610, 0.5207,
0.3717


■ 50.2125, 0.3037,
0.3252


■ 14.2034, 0.5574,
0.3695


■ 57.0919, 0.2912,
0.3195


 12.6685, 0.5884,
0.3631

 64.6160, 0.2807,
0.3143

 11.8963, 0.6047,
0.3581

 72.8010, 0.2719,
0.3096

 81.0161, 0.2691,
0.3156

 88.5619, 0.2706,
0.3289

Harmonies

Analogous

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



28.7881, 0.3685, 0.3234



28.7881, 0.3824, 0.3523



28.7881, 0.3762, 0.3774

Triad

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



28.7881, 0.3824, 0.3523



28.7881, 0.2851, 0.3642



28.7881, 0.2719, 0.2716

Complementary

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



28.7881, 0.3824, 0.3523



34.2299, 0.2625, 0.3042

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.



28.7881, 0.2522, 0.2785



28.7881, 0.3824, 0.3523



28.7881, 0.2594, 0.3310

Square

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



28.7881, 0.3824, 0.3523



28.7881, 0.3191, 0.3870



28.7881, 0.2477, 0.2995



28.7881, 0.3032, 0.2785

Rectangle

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



28.7881, 0.3824, 0.3523



28.7881, 0.3621, 0.3883



28.7881, 0.2477, 0.2995



28.7881, 0.2638, 0.2723

Sweetspot

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



28.7895, 0.3824, 0.3523



72.0843, 0.3296, 0.3356



25.9987, 0.3334, 0.2656



15.2851, 0.3322, 0.3366



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.7895, 0.3824, 0.3523



46.5634, 0.4024, 0.3573



38.3556, 0.3689, 0.3927



8.8561, 0.3281, 0.3350



8.3012, 0.6025, 0.3598



0.3584, 0.5473, 0.4036

Inverse Universe

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



34.2299, 0.2625, 0.3042



57.6922, 0.2529, 0.2982



24.7256, 0.2563, 0.2557



9.2465, 0.2986, 0.3229



14.0729, 0.2008, 0.2428



0.5316, 0.2082, 0.2697

Previews

White Background



This preview shows how the Yxy color 28.7881, 0.3824, 0.3523 looks on a white background.

Color Contrast Check

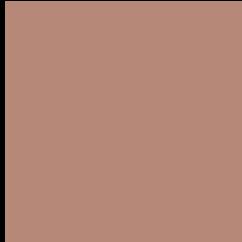
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7881, 0.3824, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

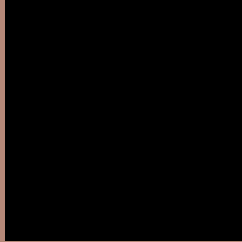
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7881, 0.3824, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 28.7881, 0.3824, 0.3523.



This preview shows how white text looks on a background with the Yxy color 28.7881, 0.3824, 0.3523.

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

28.7881, 0.3824, 0.3523

Protanopia

28.9085, 0.3424, 0.3625

Deuteranopia

28.9277, 0.3686, 0.3623



Tritanopia

28.8255, 0.3592, 0.3150

Trichromacy



Original Color

28.7881, 0.3824, 0.3523

Protanomaly

28.6686, 0.3570, 0.3584

Deuteranomaly

28.7958, 0.3741, 0.3589

Tritanomaly

28.7445, 0.3670, 0.3277

Monochromacy



Original Color

28.7881, 0.3824, 0.3523

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2551, 0.3360, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7881, 0.3824, 0.3523 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(181, 136, 120)` looks like.

```
.text, #text, p{  
    color:rgb(181, 136, 120)  
}
```

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(181, 136, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 136, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.7881, 0.3824, 0.3523 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(181, 136, 120) }
```

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

```
.border{ border-color:rgb(181, 136, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 136, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 136, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 136, 120);  
box-shadow:4px 4px 4px 4px rgb(181, 136,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7881, 0.3824, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 136, 120) }
```

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

```
.background{ background-color: rgb(181,  
136, 120) }
```

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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