

Converting Colors

$Y_{xy}(23.5180, 0.4116, 0.3463)$

Have a look what the booklet for
Yxy(23.5180, 0.4116, 0.3463)
contains.

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Color

Yxy(23.5663, 0.4114, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	B57569
RGB	181, 117, 105
RGB Percent	71%, 46%, 41%
CMY	0.2903, 0.5411, 0.5882
CMYK	0.00, 0.35, 0.42, 0.29
HSL	9°, 34%, 56%
HSV	9°, 42%, 71%
XYZ	27.9642, 23.5663, 16.4427
YIQ	134.7680, 41.9960, 9.8360

Conversions

Conversions Part 2

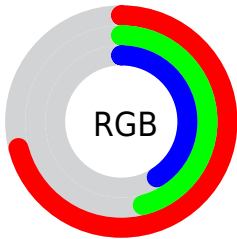
Format	Color
R_{YB}	181, 119, 105
Decimal	11892073
CIE _{Lab}	55.65, 23.71, 17.03
CIE _{LCh}	56, 29.194, 35.690
Yxy	23.5663, 0.4114, 0.3467
Android (android.graphics.Color)	4290082153 (0xFFB57569)
YUV	134.7680, -14.6756, 40.5455
Hunter-Lab	48.5451, 17.8700, 13.8995

Details

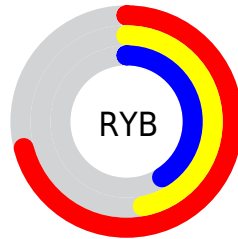
The Yxy color **23.5663, 0.4114, 0.3467** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.7073, 0.2532, 0.3100**, and the grayscale version is **24.1828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5005, 0.3900, 0.3449**, and **8.8754, 0.4498, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **19.9668, 0.4475, 0.3505**, and if you desaturate by 10%, it is **27.8255, 0.3805, 0.3424**.

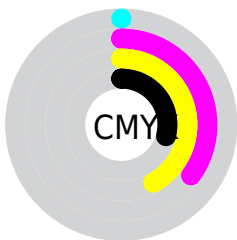
Distribution



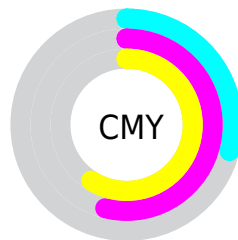
- Red (71%)
- Green (46%)
- Blue (41%)



- Red (71%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (35%)
- Yellow (42%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5663, 0.4114, 0.3467 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 23.5663, 0.4114, 0.3467 by changing the saturation by 10% instead.


 23.5663, 0.4114,
0.3467


 23.5663, 0.4114,
0.3467


270.6204, 0.3560,
0.3388


 15.0122, 0.4275,
0.3481


 49.3215, 0.3896,
0.3442

 8.8280, 0.4497,
0.3492


 67.2915, 0.3820,
0.3431

 4.6291, 0.4818,
0.3494

 89.1688, 0.3757,
0.3422

 2.0314, 0.5338,
0.3473

 115.3380, 0.3704,
0.3413

 0.6256, 0.6608,
0.3392

146.1833, 0.3660,
0.3406

 0.0000, 1.0000,
0.0000

182.0892, 0.3622,

 0.0000, 0.0000,

0.3399

0.0000

223.4401, 0.3589,
0.3393

■ 23.5663, 0.4114,
0.3467

■ 23.5663, 0.4114,
0.3467

■ 19.9668, 0.4475,
0.3505

■ 27.8255, 0.3805,
0.3424

■ 16.9904, 0.4881,
0.3531

■ 32.7714, 0.3547,
0.3380

■ 14.6023, 0.5309,
0.3537

■ 38.4341, 0.3333,
0.3338

■ 12.7631, 0.5716,
0.3518

■ 44.8405, 0.3158,
0.3298

■ 11.4279, 0.6048,
0.3469


■ 52.0164, 0.3014,
0.3261

 10.6802, 0.6245,
0.3424

 59.9861, 0.2894,
0.3227

 68.7731, 0.2796,
0.3197

 78.3997, 0.2713,
0.3169

 88.0289, 0.2705,
0.3280

Harmonies

Analogous

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



23.5663, 0.3820, 0.3069



23.5663, 0.4114, 0.3467



23.5663, 0.4112, 0.3858

Triad

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



23.5663, 0.4114, 0.3467



23.5663, 0.2871, 0.3958



23.5663, 0.2426, 0.2482

Complementary

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



23.5663, 0.4114, 0.3467



34.7073, 0.2532, 0.3100

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.



23.5663, 0.2221, 0.2633



23.5663, 0.4114, 0.3467



23.5663, 0.2459, 0.3480

Square

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



23.5663, 0.4114, 0.3467



23.5663, 0.3374, 0.4208



23.5663, 0.2231, 0.2983



23.5663, 0.2819, 0.2525

Rectangle

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



23.5663, 0.4114, 0.3467



23.5663, 0.3951, 0.4070



23.5663, 0.2231, 0.2983



23.5663, 0.2335, 0.2510

Sweetspot

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



23.5675, 0.4114, 0.3467



67.5205, 0.3358, 0.3343



22.8137, 0.3307, 0.2409



14.0988, 0.3402, 0.3352



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.



23.5675, 0.4114, 0.3467



36.4465, 0.4432, 0.3501



34.0821, 0.3886, 0.3986



8.7149, 0.3283, 0.3327



7.4327, 0.6228, 0.3437



0.3005, 0.5775, 0.3797

Inverse Universe

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



34.7073, 0.2532, 0.3100



58.9246, 0.2429, 0.3053



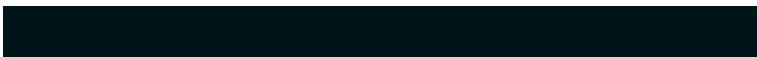
22.7340, 0.2430, 0.2471



9.3983, 0.2986, 0.3253



17.9553, 0.2108, 0.2787



0.6262, 0.2150, 0.2941

Previews

White Background



This preview shows how the Yxy color 23.5663, 0.4114, 0.3467 looks on a white background.

Color Contrast Check

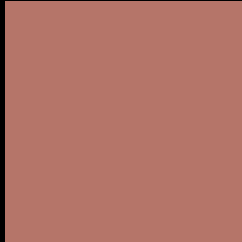
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5663, 0.4114, 0.3467 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 23.5663, 0.4114, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 23.5663, 0.4114, 0.3467.



This preview shows how white text looks on a background with the Yxy color 23.5663, 0.4114, 0.3467.

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

23.5663, 0.4114, 0.3467

Protanopia

23.6300, 0.3439, 0.3636

Deuteranopia

23.5857, 0.3775, 0.3698



Tritanopia

23.5320, 0.3914, 0.3163

Trichromacy



Original Color

23.5663, 0.4114, 0.3467

Protanomaly

23.3725, 0.3683, 0.3569

Deuteranomaly

23.5218, 0.3898, 0.3605

Tritanomaly

23.4675, 0.3991, 0.3278

Monochromacy



Original Color

23.5663, 0.4114, 0.3467

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5690, 0.3462, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5663, 0.4114, 0.3467 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, 117, 105)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 105)  
}
```

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, 117, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 105) }
```

Border

The CSS property to change the border of an element to Yxy 23.5663, 0.4114, 0.3467 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, 117, 105) }
```

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

```
.border{ border-color:rgb(181, 117, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 105);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5663, 0.4114, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 105) }
```

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

```
.background{ background-color: rgb(181,  
117, 105) }
```

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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