

Converting Colors

$Y_{xy}(16.4421, 0.3519, 0.3140)$

Have a look what the booklet for
Yxy(16.4421, 0.3519, 0.3140)
contains.

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Color

Yxy(16.5594, 0.3519, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	8B6870
RGB	139, 104, 112
RGB Percent	55%, 41%, 44%
CMY	0.4549, 0.5921, 0.5607
CMYK	0.00, 0.25, 0.19, 0.45
HSL	346°, 14%, 48%
HSV	346°, 25%, 55%
XYZ	18.5227, 16.5594, 17.5542
YIQ	115.3770, 18.2920, 9.9080

Conversions

Conversions Part 2

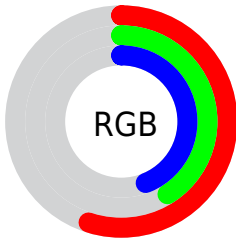
Format	Color
R_{YB}	139, 104, 112
Decimal	9136240
CIE Lab	47.70, 15.32, 0.98
CIE LCh	48, 15.347, 3.644
Yxy	16.5594, 0.3519, 0.3146
Android (android.graphics.Color)	4287326320 (0xFF8B6870)
YUV	115.3770, -1.6649, 20.7174
Hunter-Lab	40.6932, 10.0364, 2.9088

Details

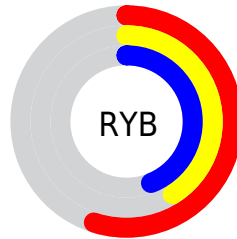
The Yxy color **16.5594, 0.3519, 0.3146** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0458, 0.2842, 0.3440**, and the grayscale version is **17.2664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4605, 0.3422, 0.3172**, and **5.3711, 0.3700, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **13.7640, 0.3738, 0.3086**, and if you desaturate by 10%, it is **19.8460, 0.3339, 0.3206**.

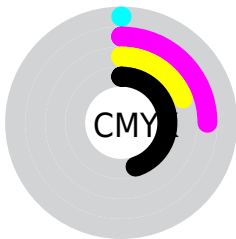
Distribution



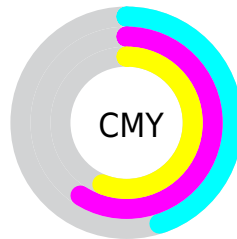
- Red (55%)
- Green (41%)
- Blue (44%)



- Red (55%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (25%)
- Yellow (19%)
- Black (45%)




- Cyan (45%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5594, 0.3519, 0.3146 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 16.5594, 0.3519, 0.3146 by changing the saturation by 10% instead.


 16.5594, 0.3519,
0.3146


 16.5594, 0.3519,
0.3146


232.6204, 0.3289,
0.3231


 9.9209, 0.3592,
0.3118


 37.5667, 0.3425,
0.3181


 5.3465, 0.3699,
0.3078

 52.7042, 0.3393,
0.3193

 2.4520, 0.3869,
0.3013

 71.4435, 0.3368,
0.3202

 0.8524, 0.4185,
0.2895

 94.1689, 0.3346,
0.3210

 0.0000, 1.0000,
0.0000

121.2649, 0.3329,
0.3217

 0.0000, 0.0000,
0.0000

153.1159, 0.3313,

0.3222

190.1063, 0.3300,
0.3227

■ 16.5594, 0.3519,
0.3146

■ 16.5594, 0.3519,
0.3146

■ 13.7640, 0.3738,
0.3086

■ 19.8460, 0.3339,
0.3206

■ 11.4339, 0.4003,
0.3028

■ 23.6436, 0.3192,
0.3262

■ 9.5443, 0.4315,
0.2978

■ 27.9734, 0.3072,
0.3315

■ 8.0674, 0.4671,
0.2944

■ 32.8550, 0.2975,
0.3364

■ 6.9718, 0.5055,
0.2935

■ 38.3070, 0.2894,
0.3408

■ 6.2217, 0.5440,
0.2960

■ 44.3469, 0.2828,
0.3448

■ 5.7679, 0.5786,
0.3019

■ 50.9916, 0.2773,
0.3485

■ 5.5921, 0.5941,
0.3046

■ 58.2573, 0.2728,
0.3519

■ 66.1597, 0.2690,
0.3549

Harmonies

Analogous

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



16.5594, 0.3232, 0.2937



16.5594, 0.3519, 0.3146



16.5594, 0.3700, 0.3396

Triad

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



16.5594, 0.3519, 0.3146



16.5594, 0.3306, 0.3822



16.5594, 0.2568, 0.2913

Complementary

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



16.5594, 0.3519, 0.3146



23.0458, 0.2842, 0.3440

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.



16.5594, 0.2586, 0.3139



16.5594, 0.3519, 0.3146



16.5594, 0.3003, 0.3686

Square

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



16.5594, 0.3519, 0.3146



16.5594, 0.3570, 0.3796



16.5594, 0.2742, 0.3427



16.5594, 0.2690, 0.2800

Rectangle

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



16.5594, 0.3519, 0.3146



16.5594, 0.3731, 0.3560



16.5594, 0.2742, 0.3427



16.5594, 0.2558, 0.2978

Sweetspot

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



16.5602, 0.3519, 0.3146



40.2063, 0.3233, 0.3246



16.5771, 0.3048, 0.2667



9.0450, 0.3253, 0.3238



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



16.5602, 0.3519, 0.3146



26.8094, 0.3634, 0.3113



18.3733, 0.3595, 0.3460



5.0661, 0.3247, 0.3240



5.0497, 0.5930, 0.3041



0.0355, 0.4933, 0.2491

Inverse Universe

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



16.5602, 0.3519, 0.3146



26.8094, 0.3634, 0.3113



20.6836, 0.2755, 0.3113



5.0661, 0.3247, 0.3240



5.0497, 0.5930, 0.3041



0.0355, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 16.5594, 0.3519, 0.3146 looks on a white background.

Color Contrast Check

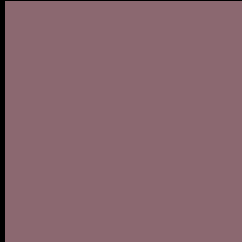
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 16.5594, 0.3519, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

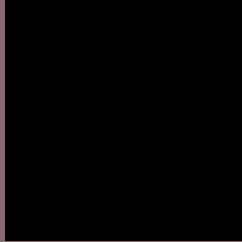
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5594, 0.3519, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 16.5594, 0.3519, 0.3146.



This preview shows how white text looks on a background with the Yxy color 16.5594, 0.3519, 0.3146.

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

16.5594, 0.3519, 0.3146

Protanopia

16.6720, 0.3092, 0.3211

Deuteranopia

16.6595, 0.3319, 0.3271



Tritanopia

16.5594, 0.3519, 0.3146

Trichromacy



Original Color

16.5594, 0.3519, 0.3146

Protanomaly

16.6006, 0.3240, 0.3194

Deuteranomaly

16.6186, 0.3394, 0.3234

Tritanomaly

16.5594, 0.3519, 0.3146

Monochromacy



Original Color

16.5594, 0.3519, 0.3146

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.8689, 0.3264, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5594, 0.3519, 0.3146 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(139, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(139, 104, 112)  
}
```

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(139, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 104, 112) }
```

Border

The CSS property to change the border of an element to Yxy 16.5594, 0.3519, 0.3146 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(139, 104, 112) }
```

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

```
.border{ border-color:rgb(139, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(139, 104,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5594, 0.3519, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 104, 112) }
```

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

```
.background{ background-color: rgb(139,  
104, 112) }
```

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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