

Converting Colors

$Y_{xy}(19.0448, 0.3548, 0.3234)$

Have a look what the booklet for
Yxy(19.0448, 0.3548, 0.3234)
contains.

Yxy(19.0523, 0.3548, 0.3222)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.0523, 0.3548, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	937074
RGB	147, 112, 116
RGB Percent	58%, 44%, 45%
CMY	0.4235, 0.5608, 0.5450
CMYK	0.00, 0.24, 0.21, 0.42
HSL	353°, 14%, 51%
HSV	353°, 24%, 58%
XYZ	20.9800, 19.0523, 19.0996
YIQ	122.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

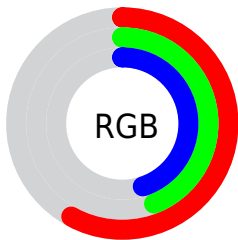
Format	Color
R_{YB}	147, 112, 116
Decimal	9662580
CIE _{Lab}	50.75, 14.47, 3.13
CIE _{LCh}	51, 14.801, 12.194
Yxy	19.0523, 0.3548, 0.3222
Android (android.graphics.Color)	4287852660 (0xFF937074)
YUV	122.9210, -3.4121, 21.1173
Hunter-Lab	43.6489, 9.4109, 4.6105

Details

The Yxy color **19.0523, 0.3548, 0.3222** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2954, 0.2820, 0.3360**, and the grayscale version is **19.7872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9346, 0.3454, 0.3240**, and **6.5709, 0.3738, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **15.7877, 0.3798, 0.3192**, and if you desaturate by 10%, it is **22.8907, 0.3345, 0.3252**.

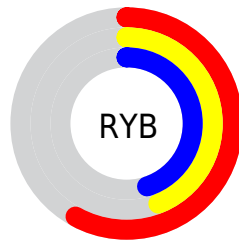
Distribution



Red (58%)

Green (44%)

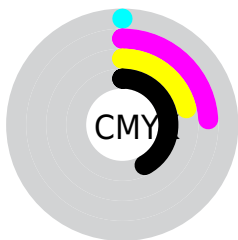
Blue (45%)



Red (58%)

Yellow (44%)

Blue (45%)

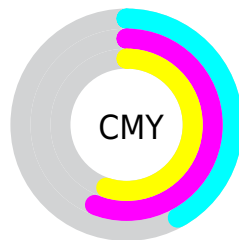


Cyan (0%)

Magenta (24%)

Yellow (21%)

Black (42%)



Cyan (42%)


Magenta (56%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0523, 0.3548, 0.3222 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 19.0523, 0.3548, 0.3222 by changing the saturation by 10% instead.


 19.0523, 0.3548,
0.3222


 19.0523, 0.3548,
0.3222


246.7373, 0.3305,
0.3263


 11.7081, 0.3623,
0.3208


 41.8225, 0.3450,
0.3239


 6.5452, 0.3730,
0.3188


 58.0172, 0.3417,
0.3245

 3.1794, 0.3896,
0.3154

 77.9308, 0.3389,
0.3250

 1.2261, 0.4186,
0.3089

 101.9479, 0.3367,
0.3253

 0.0828, 0.8391,
0.1609

130.4526, 0.3348,
0.3257

 0.0000, 0.0000,
0.0000

163.8295, 0.3331,

0.3259

202.4630, 0.3317,
0.3261

■ 19.0523, 0.3548,
0.3222

■ 19.0523, 0.3548,
0.3222

■ 15.7877, 0.3798,
0.3192

■ 22.8907, 0.3345,
0.3252

■ 13.0668, 0.4101,
0.3163

■ 27.3259, 0.3181,
0.3280

■ 10.8609, 0.4461,
0.3140

■ 32.3828, 0.3048,
0.3306

■ 9.1375, 0.4871,
0.3126

■ 38.0840, 0.2941,
0.3330

■ 7.8602, 0.5306,
0.3127

■ 44.4512, 0.2853,
0.3351

■ 6.9878, 0.5723,
0.3148

■ 51.5049, 0.2781,
0.3371

■ 6.4706, 0.6064,
0.3189

■ 59.2648, 0.2721,
0.3389

■ 6.2432, 0.6233,
0.3207

■ 67.7497, 0.2671,
0.3405

■ 76.9779, 0.2630,
0.3420

Harmonies

Analogous

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



19.0523, 0.3305, 0.3013



19.0523, 0.3548, 0.3222



19.0523, 0.3675, 0.3456

Triad

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



19.0523, 0.3548, 0.3222



19.0523, 0.3214, 0.3757



19.0523, 0.2630, 0.2902

Complementary

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



19.0523, 0.3548, 0.3222



26.2954, 0.2820, 0.3360

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.



19.0523, 0.2609, 0.3085



19.0523, 0.3548, 0.3222



19.0523, 0.2938, 0.3593

Square

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



19.0523, 0.3548, 0.3222



19.0523, 0.3474, 0.3777



19.0523, 0.2719, 0.3340



19.0523, 0.2777, 0.2829

Rectangle

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



19.0523, 0.3548, 0.3222



19.0523, 0.3673, 0.3599



19.0523, 0.2719, 0.3340



19.0523, 0.2608, 0.2952

Sweetspot

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



19.0532, 0.3548, 0.3222



46.1657, 0.3232, 0.3271



19.5276, 0.3103, 0.2709



10.4441, 0.3240, 0.3269



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.



19.0532, 0.3548, 0.3222



30.6148, 0.3686, 0.3205



22.1463, 0.3551, 0.3520



5.8256, 0.3265, 0.3265



5.4145, 0.6223, 0.3202



0.0684, 0.5536, 0.2823

Inverse Universe

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



19.0532, 0.3548, 0.3222



30.6148, 0.3686, 0.3205



22.4870, 0.2768, 0.3048



5.8256, 0.3265, 0.3265



5.4145, 0.6223, 0.3202



0.0684, 0.5536, 0.2823

Previews

White Background



This preview shows how the Yxy color 19.0523, 0.3548, 0.3222 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 19.0523, 0.3548, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

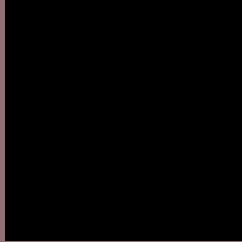
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0523, 0.3548, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 19.0523, 0.3548, 0.3222.



This preview shows how white text looks on a background with the Yxy color 19.0523, 0.3548, 0.3222.

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

19.0523, 0.3548, 0.3222

Protanopia

19.0244, 0.3153, 0.3271

Deuteranopia

19.1113, 0.3386, 0.3327



Tritanopia

18.9280, 0.3498, 0.3137

Trichromacy



Original Color

19.0523, 0.3548, 0.3222

Protanomaly

18.9600, 0.3296, 0.3254

Deuteranomaly

18.9882, 0.3444, 0.3291

Tritanomaly

18.9038, 0.3511, 0.3154

Monochromacy



Original Color

19.0523, 0.3548, 0.3222

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.4553, 0.3280, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0523, 0.3548, 0.3222 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(147, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(147, 112, 116)  
}
```

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(147, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 112, 116) }
```

Border

The CSS property to change the border of an element to Yxy 19.0523, 0.3548, 0.3222 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(147, 112, 116) }
```

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

```
.border{ border-color:rgb(147, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(147, 112,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0523, 0.3548, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 112, 116) }
```

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

```
.background{ background-color: rgb(147,  
112, 116) }
```

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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