

Converting Colors

$Y_{xy}(19.3123, 0.3706, 0.3048)$

Have a look what the booklet for
Yxy(19.3123, 0.3706, 0.3048)
contains.

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Color

Yxy(19.3699, 0.3704, 0.3052)

Conversions

Conversions Part 1

Format	Color
Hex	A26A79
RGB	162, 106, 121
RGB Percent	64%, 42%, 47%
CMY	0.3646, 0.5843, 0.5255
CMYK	0.00, 0.35, 0.25, 0.36
HSL	344°, 23%, 53%
HSV	344°, 35%, 64%
XYZ	23.5079, 19.3699, 20.5885
YIQ	124.4540, 28.5610, 16.5370

Conversions

Conversions Part 2

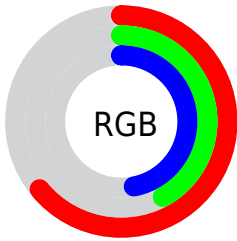
Format	Color
R_{YB}	162, 106, 121
Decimal	10644089
CIE _{Lab}	51.12, 24.56, 0.93
CIE _{LCh}	51, 24.574, 2.159
Yxy	19.3699, 0.3704, 0.3052
Android (android.graphics.Color)	4288834169 (0xFFA26A79)
YUV	124.4540, -1.7028, 32.9278
Hunter-Lab	44.0112, 18.3232, 3.0720

Details

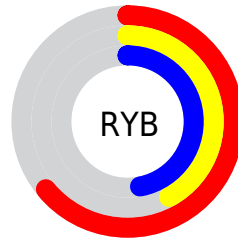
The Yxy color **19.3699, 0.3704, 0.3052** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.0175, 0.2759, 0.3546**, and the grayscale version is **20.3146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3763, 0.3574, 0.3111**, and **6.7584, 0.3938, 0.2950** is the 20% darker color. If you saturate the color by 10%, you get **16.0679, 0.3956, 0.2983**, and if you desaturate by 10%, it is **23.3404, 0.3495, 0.3124**.

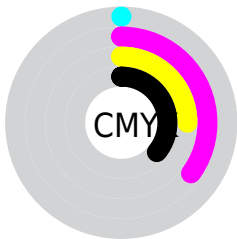
Distribution



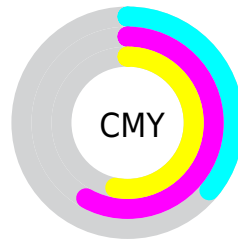
- Red (64%)
- Green (42%)
- Blue (47%)



- Red (64%)
- Yellow (42%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (36%)





- Cyan (36%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3699, 0.3704, 0.3052 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 19.3699, 0.3704, 0.3052 by changing the saturation by 10% instead.


 19.3699, 0.3704,
0.3052


 19.3699, 0.3704,
0.3052


248.4833, 0.3373,
0.3189


 11.9379, 0.3805,
0.3010

 42.3582, 0.3572,
0.3107

 6.7014, 0.3948,
0.2949


 58.6833, 0.3526,
0.3126

 3.2761, 0.4167,
0.2856


 78.7415, 0.3488,
0.3142

 1.2775, 0.4540,
0.2696

 102.9172, 0.3458,
0.3155

 0.1237, 0.7874,
0.1358

131.5949, 0.3432,
0.3165

 0.0000, 0.0000,
0.0000

165.1588, 0.3409,

0.3175

203.9935, 0.3390,
0.3183

■ 19.3699, 0.3704,
0.3052

■ 19.3699, 0.3704,
0.3052

■ 16.0679, 0.3956,
0.2983

■ 23.3404, 0.3495,
0.3124

■ 13.3947, 0.4254,
0.2923

■ 28.0107, 0.3323,
0.3194

■ 11.3106, 0.4595,
0.2881


■ 33.4134, 0.3182,
0.3261


■ 9.7705, 0.4965,
0.2866


■ 39.5784, 0.3068,
0.3323


■ 8.7222, 0.5338,
0.2890


■ 46.5336, 0.2975,
0.3381


 8.1026, 0.5680,
0.2956

 54.3059, 0.2898,
0.3433

 7.8604, 0.5849,
0.2996

 62.9205, 0.2835,
0.3481

 72.4020, 0.2783,
0.3524

 82.7735, 0.2740,
0.3564

Harmonies

Analogous

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



19.3699, 0.3256, 0.2757



19.3699, 0.3704, 0.3052



19.3699, 0.3995, 0.3413

Triad

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



19.3699, 0.3704, 0.3052



19.3699, 0.3407, 0.4118



19.3699, 0.2296, 0.2727

Complementary

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



19.3699, 0.3704, 0.3052



31.0175, 0.2759, 0.3546

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.



19.3699, 0.2330, 0.3066



19.3699, 0.3704, 0.3052



19.3699, 0.2951, 0.3925

Square

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



19.3699, 0.3704, 0.3052



19.3699, 0.3805, 0.4042



19.3699, 0.2562, 0.3517



19.3699, 0.2461, 0.2565

Rectangle

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



19.3699, 0.3704, 0.3052



19.3699, 0.4048, 0.3657



19.3699, 0.2562, 0.3517



19.3699, 0.2285, 0.2822

Sweetspot

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



19.3708, 0.3704, 0.3052



54.9750, 0.3258, 0.3224



19.0407, 0.2974, 0.2403



12.0576, 0.3277, 0.3215



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.3708, 0.3704, 0.3052



30.7220, 0.3881, 0.3002



21.7120, 0.3854, 0.3487



7.1157, 0.3245, 0.3230



6.1976, 0.5827, 0.2984



0.1376, 0.4873, 0.2458

Inverse Universe

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



19.3708, 0.3704, 0.3052



30.7220, 0.3881, 0.3002



27.4472, 0.2622, 0.3082



7.1157, 0.3245, 0.3230



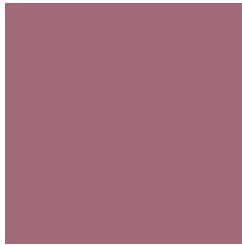
6.1976, 0.5827, 0.2984



0.1376, 0.4873, 0.2458

Previews

White Background



This preview shows how the Yxy color 19.3699, 0.3704, 0.3052 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 19.3699, 0.3704, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

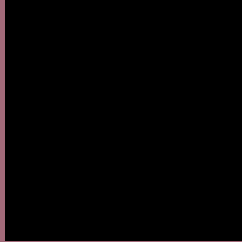
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3699, 0.3704, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 19.3699, 0.3704, 0.3052.



This preview shows how white text looks on a background with the Yxy color 19.3699, 0.3704, 0.3052.

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

19.3699, 0.3704, 0.3052

Protanopia

19.4240, 0.3038, 0.3123

Deuteranopia

19.4397, 0.3333, 0.3273



Tritanopia

19.3303, 0.3772, 0.3163

Trichromacy



Original Color

19.3699, 0.3704, 0.3052

Protanomaly

19.3415, 0.3264, 0.3096

Deuteranomaly

19.4104, 0.3462, 0.3187

Tritanomaly

19.3768, 0.3743, 0.3131

Monochromacy



Original Color

19.3699, 0.3704, 0.3052

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5559, 0.3325, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3699, 0.3704, 0.3052 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(162, 106, 121)` looks like.

```
.text, #text, p{  
    color:rgb(162, 106, 121)  
}
```

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(162, 106, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 106, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.3699, 0.3704, 0.3052 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(162, 106, 121) }
```

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

```
.border{ border-color:rgb(162, 106, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 106, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 106, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 106, 121);  
box-shadow:4px 4px 4px 4px rgb(162, 106,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3699, 0.3704, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 106, 121) }
```

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

```
.background{ background-color: rgb(162,  
106, 121) }
```

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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