

Converting Colors

$Y_{xy}(17.4047, 0.3764, 0.3175)$

Have a look what the booklet for
Yxy(17.4047, 0.3764, 0.3175)
contains.

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Color

Yxy(17.3792, 0.3771, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	99666D
RGB	153, 102, 109
RGB Percent	60%, 40%, 43%
CMY	0.4000, 0.6000, 0.5726
CMYK	0.00, 0.33, 0.29, 0.40
HSL	352°, 20%, 50%
HSV	352°, 33%, 60%
XYZ	20.6481, 17.3792, 16.7276
YIQ	118.0470, 28.1490, 12.9890

Conversions

Conversions Part 2

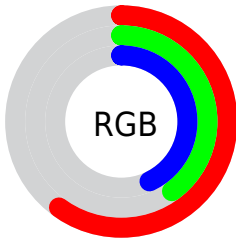
Format	Color
R_{YB}	153, 102, 109
Decimal	10053229
CIE _{Lab}	48.73, 21.55, 4.49
CIE _{LCh}	49, 22.010, 11.784
Yxy	17.3792, 0.3771, 0.3174
Android (android.graphics.Color)	4288243309 (0xFF99666D)
YUV	118.0470, -4.4602, 30.6538
Hunter-Lab	41.6884, 15.4556, 5.3915

Details

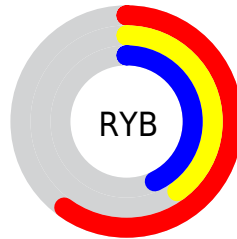
The Yxy color **17.3792, 0.3771, 0.3174** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6851, 0.2719, 0.3412**, and the grayscale version is **18.1400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0592, 0.3616, 0.3216**, and **5.6955, 0.4045, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **14.3816, 0.4065, 0.3139**, and if you desaturate by 10%, it is **20.9763, 0.3529, 0.3210**.

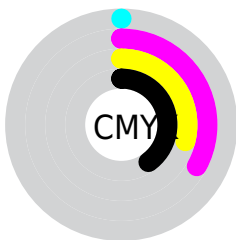
Distribution



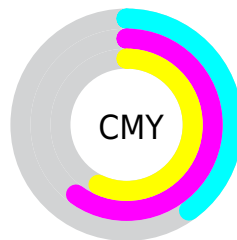
- Red (60%)
- Green (40%)
- Blue (43%)



- Red (60%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.3792, 0.3771, 0.3174 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 17.3792, 0.3771, 0.3174 by changing the saturation by 10% instead.


 17.3792, 0.3771,
0.3174


 17.3792, 0.3771,
0.3174


237.3482, 0.3394,
0.3246


 10.5052, 0.3890,
0.3149


 38.9766, 0.3618,
0.3205

 5.7352, 0.4062,
0.3110

 54.4688, 0.3565,
0.3215

 2.6847, 0.4332,
0.3045

 73.6026, 0.3523,
0.3223

 0.9695, 0.4838,
0.2930

 96.7623, 0.3488,
0.3229

 0.0000, 1.0000,
0.0000

124.3323, 0.3459,
0.3235

 0.0000, 0.0000,
0.0000

156.6970, 0.3434,

0.3239

194.2409, 0.3413,
0.3243

■ 17.3792, 0.3771,
0.3174

■ 17.3792, 0.3771,
0.3174

■ 14.3816, 0.4065,
0.3139

■ 20.9763, 0.3529,
0.3210

■ 11.9485, 0.4415,
0.3110

■ 25.2004, 0.3332,
0.3246

■ 10.0451, 0.4815,
0.3092


■ 30.0803, 0.3173,
0.3279

■ 8.6319, 0.5243,
0.3091


■ 35.6424, 0.3044,
0.3310

■ 7.6636, 0.5659,
0.3113


■ 41.9115, 0.2940,
0.3339


 7.0865, 0.6009,
0.3159

 48.9112, 0.2854,
0.3365

 6.8265, 0.6195,
0.3187

 56.6641, 0.2784,
0.3388

 65.1917, 0.2726,
0.3410

 74.5146, 0.2678,
0.3429

Harmonies

Analogous

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



17.3792, 0.3389, 0.2871



17.3792, 0.3771, 0.3174



17.3792, 0.3970, 0.3519

Triad

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



17.3792, 0.3771, 0.3174



17.3792, 0.3254, 0.4026



17.3792, 0.2381, 0.2700

Complementary

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



17.3792, 0.3771, 0.3174



27.6851, 0.2719, 0.3412

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.



17.3792, 0.2352, 0.2968



17.3792, 0.3771, 0.3174



17.3792, 0.2837, 0.3771

Square

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



17.3792, 0.3771, 0.3174



17.3792, 0.3654, 0.4036



17.3792, 0.2512, 0.3364



17.3792, 0.2593, 0.2600

Rectangle

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



17.3792, 0.3771, 0.3174



17.3792, 0.3966, 0.3738



17.3792, 0.2512, 0.3364



17.3792, 0.2350, 0.2771

Sweetspot

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



17.3800, 0.3771, 0.3174



47.7389, 0.3279, 0.3257



17.8557, 0.3067, 0.2463



10.3021, 0.3300, 0.3252



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



17.3800, 0.3771, 0.3174



27.0207, 0.3985, 0.3148



21.1301, 0.3779, 0.3591



6.2358, 0.3263, 0.3260



5.6448, 0.6182, 0.3179



0.0875, 0.5417, 0.2758

Inverse Universe

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



17.3800, 0.3771, 0.3174



27.0207, 0.3985, 0.3148



22.4961, 0.2626, 0.2966



6.2358, 0.3263, 0.3260



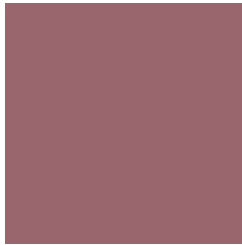
5.6448, 0.6182, 0.3179



0.0875, 0.5417, 0.2758

Previews

White Background



This preview shows how the Yxy color 17.3792, 0.3771, 0.3174 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 17.3792, 0.3771, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

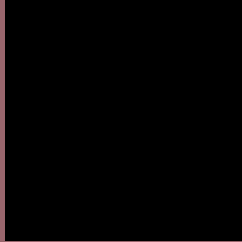
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.3792, 0.3771, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 17.3792, 0.3771, 0.3174.



This preview shows how white text looks on a background with the Yxy color 17.3792, 0.3771, 0.3174.

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

17.3792, 0.3771, 0.3174

Protanopia

17.6267, 0.3141, 0.3271

Deuteranopia

17.4752, 0.3449, 0.3385



Tritanopia

17.4008, 0.3756, 0.3157

Trichromacy



Original Color

17.3792, 0.3771, 0.3174

Protanomaly

17.4091, 0.3360, 0.3235

Deuteranomaly

17.2968, 0.3562, 0.3291

Tritanomaly

17.4008, 0.3756, 0.3157

Monochromacy



Original Color

17.3792, 0.3771, 0.3174

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6514, 0.3344, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3792, 0.3771, 0.3174 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(153, 102, 109)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 109)  
}
```

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(153, 102, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 109) }
```

Border

The CSS property to change the border of an element to Yxy 17.3792, 0.3771, 0.3174 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(153, 102, 109) }
```

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

```
.border{ border-color:rgb(153, 102, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 102, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 109);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3792, 0.3771, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 109) }
```

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

```
.background{ background-color: rgb(153,  
102, 109) }
```

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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