

Converting Colors

$Y_{xy}(17.1684, 0.3688, 0.3023)$

Have a look what the booklet for
Yxy(17.1684, 0.3688, 0.3023)
contains.

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Color

Yxy(17.2453, 0.3689, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	9A6474
RGB	154, 100, 116
RGB Percent	60%, 39%, 45%
CMY	0.3960, 0.6079, 0.5451
CMYK	0.00, 0.35, 0.25, 0.40
HSL	342°, 21%, 50%
HSV	342°, 35%, 60%
XYZ	21.0377, 17.2453, 18.7451
YIQ	117.9700, 27.0480, 16.4240

Conversions

Conversions Part 2

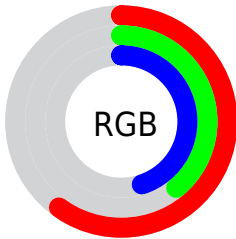
Format	Color
R_{YB}	154, 100, 116
Decimal	10118260
CIE Lab	48.57, 24.14, 0.06
CIE LCh	49, 24.143, 0.150
Yxy	17.2453, 0.3689, 0.3024
Android (android.graphics.Color)	4288308340 (0xFF9A6474)
YUV	117.9700, -0.9712, 31.5983
Hunter-Lab	41.5275, 17.7544, 2.3062

Details

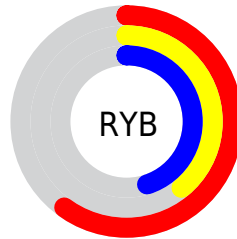
The Yxy color **17.2453, 0.3689, 0.3024** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6586, 0.2768, 0.3577**, and the grayscale version is **18.1042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.8389, 0.3550, 0.3092**, and **5.6400, 0.3931, 0.2902** is the 20% darker color. If you saturate the color by 10%, you get **14.3282, 0.3931, 0.2948**, and if you desaturate by 10%, it is **20.7519, 0.3488, 0.3103**.

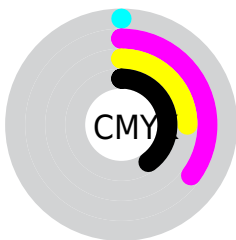
Distribution



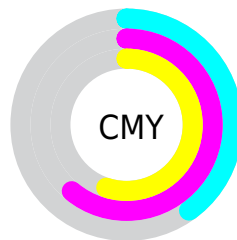
- Red (60%)
- Green (39%)
- Blue (45%)



- Red (60%)
- Yellow (39%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2453, 0.3689, 0.3024 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 17.2453, 0.3689, 0.3024 by changing the saturation by 10% instead.


 17.2453, 0.3689,
0.3024


 17.2453, 0.3689,
0.3024

236.5820, 0.3362,
0.3179


 10.4095, 0.3791,
0.2975


 38.7471, 0.3556,
0.3087


 5.6713, 0.3939,
0.2905

 54.1818, 0.3511,
0.3108

 2.6463, 0.4170,
0.2796

 73.2517, 0.3474,
0.3126

 0.9500, 0.4579,
0.2601

 96.3412, 0.3444,
0.3140

 0.0000, 1.0000,
0.0000

123.8345, 0.3419,
0.3152

 0.0000, 0.0000,
0.0000

156.1162, 0.3397,

0.3162

193.5706, 0.3378,
0.3171

■ 17.2453, 0.3689,
0.3024

■ 17.2453, 0.3689,
0.3024

■ 14.3282, 0.3931,
0.2948

■ 20.7519, 0.3488,
0.3103

■ 11.9656, 0.4215,
0.2881

■ 24.8757, 0.3322,
0.3180

■ 10.1226, 0.4540,
0.2833


■ 29.6453, 0.3186,
0.3254

■ 8.7592, 0.4893,
0.2815


■ 35.0871, 0.3075,
0.3323

■ 7.8294, 0.5252,
0.2836


■ 41.2258, 0.2984,
0.3387


 7.2748, 0.5585,
0.2901

 48.0851, 0.2910,
0.3445

 7.0655, 0.5741,
0.2936

 55.6872, 0.2848,
0.3499

 64.0538, 0.2797,
0.3547

 73.2052, 0.2755,
0.3591

Harmonies

Analogous

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



17.2453, 0.3226, 0.2730



17.2453, 0.3689, 0.3024



17.2453, 0.4001, 0.3388

Triad

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



17.2453, 0.3689, 0.3024



17.2453, 0.3443, 0.4140



17.2453, 0.2276, 0.2733

Complementary

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



17.2453, 0.3689, 0.3024



27.6586, 0.2768, 0.3577

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.



17.2453, 0.2324, 0.3089



17.2453, 0.3689, 0.3024



17.2453, 0.2977, 0.3961

Square

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



17.2453, 0.3689, 0.3024



17.2453, 0.3841, 0.4044



17.2453, 0.2572, 0.3553



17.2453, 0.2431, 0.2556

Rectangle

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



17.2453, 0.3689, 0.3024



17.2453, 0.4068, 0.3638



17.2453, 0.2572, 0.3553



17.2453, 0.2269, 0.2834

Sweetspot

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



17.2461, 0.3689, 0.3024



48.3759, 0.3266, 0.3209



16.8342, 0.2960, 0.2391



10.7108, 0.3284, 0.3200



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



17.2461, 0.3689, 0.3024



27.1161, 0.3873, 0.2964



19.1164, 0.3869, 0.3474



6.2513, 0.3239, 0.3224



5.7613, 0.5720, 0.2925



0.0920, 0.4674, 0.2348

Inverse Universe

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



17.2461, 0.3689, 0.3024



27.1161, 0.3873, 0.2964



24.7499, 0.2620, 0.3096



6.2513, 0.3239, 0.3224



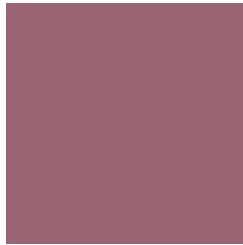
5.7613, 0.5720, 0.2925



0.0920, 0.4674, 0.2348

Previews

White Background



This preview shows how the Yxy color 17.2453, 0.3689, 0.3024 looks on a white background.

Color Contrast Check

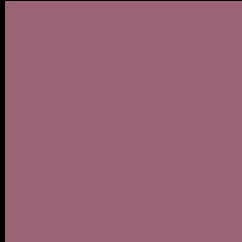
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.2453, 0.3689, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

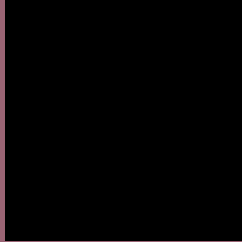
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2453, 0.3689, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 17.2453, 0.3689, 0.3024.



This preview shows how white text looks on a background with the Yxy color 17.2453, 0.3689, 0.3024.

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

17.2453, 0.3689, 0.3024

Protanopia

17.3870, 0.3010, 0.3096

Deuteranopia

17.3924, 0.3317, 0.3253



Tritanopia

17.1838, 0.3775, 0.3157

Trichromacy



Original Color

17.2453, 0.3689, 0.3024

Protanomaly

17.2241, 0.3231, 0.3068

Deuteranomaly

17.2813, 0.3437, 0.3164

Tritanomaly

17.2495, 0.3730, 0.3106

Monochromacy



Original Color

17.2453, 0.3689, 0.3024

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4785, 0.3321, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2453, 0.3689, 0.3024 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(154, 100, 116)` looks like.

```
.text, #text, p{  
    color:rgb(154, 100, 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(154, 100, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 100, 116) }
```

Border

The CSS property to change the border of an element to Yxy 17.2453, 0.3689, 0.3024 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(154, 100, 116) }
```

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

```
.border{ border-color:rgb(154, 100, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 100, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 100, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 100, 116);  
box-shadow:4px 4px 4px 4px rgb(154, 100,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2453, 0.3689, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 100, 116) }
```

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

```
.background{ background-color: rgb(154,  
100, 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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