

Converting Colors

$Y_{xy}(17.0221, 0.3519, 0.2722)$

Have a look what the booklet for
Yxy(17.0221, 0.3519, 0.2722)
contains.

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Color

Yxy(17.0724, 0.3509, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	9C6083
RGB	156, 96, 131
RGB Percent	61%, 38%, 51%
CMY	0.3882, 0.6235, 0.4863
CMYK	0.00, 0.38, 0.16, 0.39
HSL	325°, 24%, 49%
HSV	325°, 38%, 61%
XYZ	21.9923, 17.0724, 23.6093
YIQ	117.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

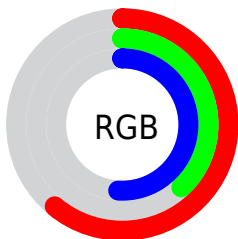
Format	Color
R_{YB}	156, 96, 131
Decimal	10248323
CIE _{Lab}	48.35, 29.58, -9.20
CIE _{LCh}	48, 30.982, 342.719
Yxy	17.0724, 0.3509, 0.2724
Android (android.graphics.Color)	4288438403 (0xFF9C6083)
YUV	117.9300, 6.4435, 33.3874
Hunter-Lab	41.3188, 22.7005, -4.9548

Details

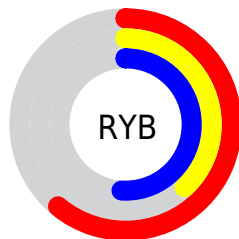
The Yxy color $17.0724, 0.3509, 0.2724$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $27.6498, 0.2873, 0.3940$, and the grayscale version is $18.0678, 0.3127, 0.3290$.

A 20% lighter version of the original color is $38.6375, 0.3427, 0.2854$, and $5.6067, 0.3647, 0.2501$ is the 20% darker color. If you saturate the color by 10%, you get $14.3326, 0.3651, 0.2580$, and if you desaturate by 10%, it is $20.3898, 0.3386, 0.2875$.

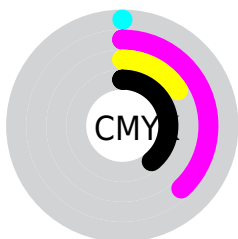
Distribution



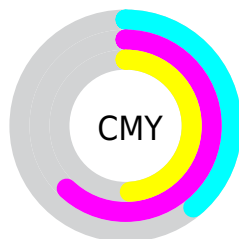
- Red (61%)
- Green (38%)
- Blue (51%)



- Red (61%)
- Yellow (38%)
- Blue (51%)



- Cyan (0%)
- Magenta (38%)
- Yellow (16%)
- Black (39%)





- Cyan (39%)
- Magenta (62%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0724, 0.3509, 0.2724 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 17.0724, 0.3509, 0.2724 by changing the saturation by 10% instead.


 17.0724, 0.3509,
0.2724


 17.0724, 0.3509,
0.2724


235.5893, 0.3293,
0.3041

 10.2861, 0.3573,
0.2631


 38.4502, 0.3423,
0.2848


 5.5891, 0.3664,
0.2503


 53.8105, 0.3393,
0.2892

 2.5969, 0.3799,
0.2314

 72.7977, 0.3369,
0.2928

 0.9251, 0.4024,
0.2010

 95.7960, 0.3349,
0.2958

 0.0000, 0.5523,
0.0000

123.1899, 0.3332,
0.2983

 0.0000, 0.0000,
0.0000

155.3639, 0.3317,

0.3005

192.7022, 0.3304,
0.3024

■ 17.0724, 0.3509,
0.2724

■ 17.0724, 0.3509,
0.2724

■ 14.3326, 0.3651,
0.2580

■ 20.3898, 0.3386,
0.2875

■ 12.1343, 0.3812,
0.2452

■ 24.3135, 0.3280,
0.3025

■ 10.4408, 0.3988,
0.2350


■ 28.8730, 0.3191,
0.3172


■ 9.2100, 0.4176,
0.2286


■ 34.0953, 0.3117,
0.3311

■ 8.3929, 0.4367,
0.2269


■ 40.0058, 0.3054,
0.3441


 7.8939, 0.4557,
0.2296

 46.6286, 0.3002,
0.3562

 7.8248, 0.4587,
0.2301

 53.9864, 0.2959,
0.3674

 62.1012, 0.2923,
0.3777

 70.9938, 0.2893,
0.3871

Harmonies

Analogous

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



17.0724, 0.2894, 0.2445



17.0724, 0.3509, 0.2724



17.0724, 0.4055, 0.3129

Triad

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



17.0724, 0.3509, 0.2724



17.0724, 0.3833, 0.4345



17.0724, 0.2061, 0.2803

Complementary

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



17.0724, 0.3509, 0.2724



27.6498, 0.2873, 0.3940

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.



17.0724, 0.2260, 0.3362



17.0724, 0.3509, 0.2724



17.0724, 0.3267, 0.4353

Square

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



17.0724, 0.3509, 0.2724



17.0724, 0.4231, 0.4036



17.0724, 0.2692, 0.3972



17.0724, 0.2110, 0.2456

Rectangle

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



17.0724, 0.3509, 0.2724



17.0724, 0.4275, 0.3435



17.0724, 0.2692, 0.3972



17.0724, 0.2100, 0.2970

Sweetspot

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



17.0732, 0.3509, 0.2724



49.1724, 0.3223, 0.3117



14.8310, 0.2727, 0.2238



10.6038, 0.3233, 0.3100



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.



17.0732, 0.3509, 0.2724



26.7364, 0.3628, 0.2602



16.3740, 0.3968, 0.3209



6.7078, 0.3198, 0.3160



6.4508, 0.4574, 0.2294



0.1237, 0.3911, 0.1928

Inverse Universe

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



17.0732, 0.3509, 0.2724



26.7364, 0.3628, 0.2602



28.5039, 0.2642, 0.3377



6.7078, 0.3198, 0.3160



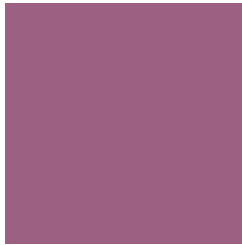
6.4508, 0.4574, 0.2294



0.1237, 0.3911, 0.1928

Previews

White Background



This preview shows how the Yxy color 17.0724, 0.3509, 0.2724 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 17.0724, 0.3509, 0.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

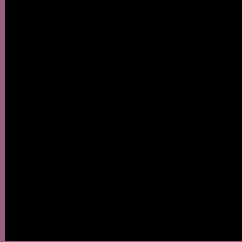
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 17.0724, 0.3509, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 17.0724, 0.3509, 0.2724.



This preview shows how white text looks on a background with the Yxy color 17.0724, 0.3509, 0.2724.

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

17.0724, 0.3509, 0.2724

Protanopia

17.2059, 0.2734, 0.2741

Deuteranopia

17.1399, 0.3038, 0.2987



Tritanopia

16.9694, 0.3795, 0.3157

Trichromacy



Original Color

17.0724, 0.3509, 0.2724

Protanomaly

16.7394, 0.2973, 0.2708

Deuteranomaly

16.8796, 0.3201, 0.2875

Tritanomaly

17.0547, 0.3693, 0.3008

Monochromacy



Original Color

17.0724, 0.3509, 0.2724

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.4875, 0.3259, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0724, 0.3509, 0.2724 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(156, 96, 131)` looks like.

```
.text, #text, p{  
    color:rgb(156, 96, 131)  
}
```

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(156, 96, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 96, 131) }
```

Border

The CSS property to change the border of an element to Yxy 17.0724, 0.3509, 0.2724 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(156, 96, 131) }
```

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

```
.border{ border-color:rgb(156, 96, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 96, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 96, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 96, 131);  
box-shadow:4px 4px 4px 4px rgb(156, 96,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0724, 0.3509, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 96, 131) }
```

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

```
.background{ background-color: rgb(156, 96,  
131) }
```

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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