

Converting Colors

$Y_{xy}(24.6849, 0.3504, 0.3040)$

Have a look what the booklet for
Yxy(24.6849, 0.3504, 0.3040)
contains.

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Color

Yxy(24.6054, 0.3503, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	AA7B8C
RGB	170, 123, 140
RGB Percent	67%, 48%, 55%
CMY	0.3332, 0.5177, 0.4509
CMYK	0.00, 0.28, 0.18, 0.33
HSL	338°, 22%, 57%
HSV	338°, 28%, 67%
XYZ	28.3996, 24.6054, 28.0672
YIQ	138.9910, 22.5550, 15.2510

Conversions

Conversions Part 2

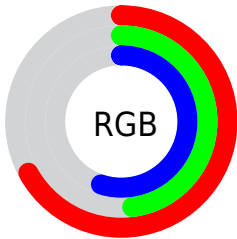
Format	Color
R_{YB}	170, 123, 140
Decimal	11172748
CIE Lab	56.69, 20.95, -1.96
CIE LCh	57, 21.045, 354.659
Yxy	24.6054, 0.3503, 0.3035
Android (android.graphics.Color)	4289362828 (0xFFAA7B8C)
YUV	138.9910, 0.4974, 27.1949
Hunter-Lab	49.6038, 15.3895, 1.1748

Details

The Yxy color $24.6054, 0.3503, 0.3035$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.2714, 0.2858, 0.3562$, and the grayscale version is $25.8078, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.0697, 0.3427, 0.3097$, and $9.4177, 0.3643, 0.2950$ is the 20% darker color. If you saturate the color by 10%, you get $20.4440, 0.3696, 0.2939$, and if you desaturate by 10%, it is $29.5333, 0.3343, 0.3131$.

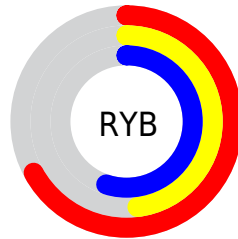
Distribution



Red (67%)

Green (48%)

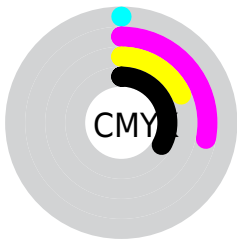
Blue (55%)



Red (67%)

Yellow (48%)

Blue (55%)

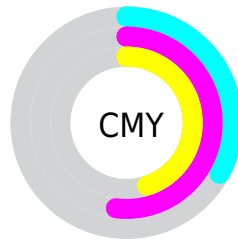


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (52%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6054, 0.3503, 0.3035 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 24.6054, 0.3503, 0.3035 by changing the saturation by 10% instead.


 24.6054, 0.3503,
0.3035


 24.6054, 0.3503,
0.3035


275.8671, 0.3296,
0.3175


 15.7833, 0.3562,
0.2996


 51.0163, 0.3423,
0.3089

 9.3709, 0.3644,
0.2942


 69.3740, 0.3394,
0.3108

 4.9839, 0.3762,
0.2864

 91.6789, 0.3370,
0.3124

 2.2378, 0.3950,
0.2742

118.3156, 0.3351,
0.3137

 0.7405, 0.4306,
0.2504

149.6683, 0.3334,
0.3149

 0.0000, 1.0000,
0.0000

186.1215, 0.3320,

 0.0000, 0.0000,

0.3159

0.0000

228.0597, 0.3307,
0.3167

■ 24.6054, 0.3503,
0.3035

■ 24.6054, 0.3503,
0.3035

■ 20.4440, 0.3696,
0.2939

■ 29.5333, 0.3343,
0.3131

■ 17.0068, 0.3925,
0.2847

■ 35.2603, 0.3212,
0.3223

■ 14.2529, 0.4191,
0.2769

■ 41.8213, 0.3104,
0.3310

■ 12.1354, 0.4492,
0.2714

■ 49.2480, 0.3015,
0.3390

■ 10.6020, 0.4815,
0.2694

■ 57.5705, 0.2943,
0.3464

■ 9.5915, 0.5141,
0.2721

■ 66.8175, 0.2883,
0.3531

■ 9.0064, 0.5446,
0.2794

■ 77.0164, 0.2833,
0.3593

■ 8.8921, 0.5516,
0.2812

■ 85.6054, 0.2788,
0.3606

■ 86.2230, 0.2735,
0.3482

Harmonies

Analogous

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



24.6054, 0.3139, 0.2814



24.6054, 0.3503, 0.3035



24.6054, 0.3771, 0.3321

Triad

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



24.6054, 0.3503, 0.3035



24.6054, 0.3442, 0.3944



24.6054, 0.2450, 0.2903

Complementary

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



24.6054, 0.3503, 0.3035



35.2714, 0.2858, 0.3562

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.



24.6054, 0.2521, 0.3204



24.6054, 0.3503, 0.3035



24.6054, 0.3082, 0.3840

Square

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



24.6054, 0.3503, 0.3035



24.6054, 0.3728, 0.3850



24.6054, 0.2747, 0.3558



24.6054, 0.2546, 0.2729

Rectangle

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



24.6054, 0.3503, 0.3035



24.6054, 0.3849, 0.3521



24.6054, 0.2747, 0.3558



24.6054, 0.2455, 0.2992

Sweetspot

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



24.6065, 0.3503, 0.3035



63.4195, 0.3217, 0.3219



23.8179, 0.2968, 0.2576



13.7821, 0.3235, 0.3205



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



24.6065, 0.3503, 0.3035



39.9871, 0.3613, 0.2978



25.7488, 0.3689, 0.3387



7.5855, 0.3231, 0.3209



6.5484, 0.5488, 0.2797



0.1691, 0.4599, 0.2307

Inverse Universe

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



24.6065, 0.3503, 0.3035



39.9871, 0.3613, 0.2978



33.5782, 0.2723, 0.3190



7.5855, 0.3231, 0.3209



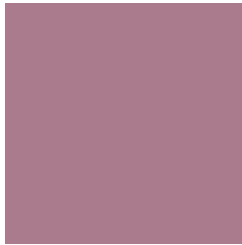
6.5484, 0.5488, 0.2797



0.1691, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 24.6054, 0.3503, 0.3035 looks on a white background.

Color Contrast Check

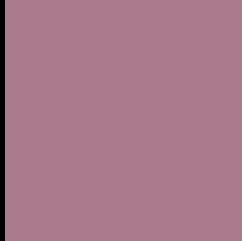
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6054, 0.3503, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

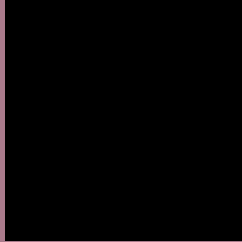
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6054, 0.3503, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 24.6054, 0.3503, 0.3035.



This preview shows how white text looks on a background with the Yxy color 24.6054, 0.3503, 0.3035.

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

24.6054, 0.3503, 0.3035

Protanopia

24.5854, 0.3005, 0.3089

Deuteranopia

24.6334, 0.3247, 0.3192



Tritanopia

24.5715, 0.3561, 0.3139

Trichromacy



Original Color

24.6054, 0.3503, 0.3035

Protanomaly

24.5421, 0.3183, 0.3080

Deuteranomaly

24.6325, 0.3334, 0.3132

Tritanomaly

24.6279, 0.3537, 0.3109

Monochromacy



Original Color

24.6054, 0.3503, 0.3035

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.1232, 0.3257, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6054, 0.3503, 0.3035 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(170, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(170, 123, 140)  
}
```

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(170, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 123, 140) }
```

Border

The CSS property to change the border of an element to Yxy 24.6054, 0.3503, 0.3035 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(170, 123, 140) }
```

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

```
.border{ border-color:rgb(170, 123, 140) }
```

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

Here you see how a box with a 4 pixel rgb(170, 123, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(170, 123,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6054, 0.3503, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 123, 140) }
```

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

```
.background{ background-color: rgb(170,  
123, 140) }
```

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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