

Converting Colors

$Y_{xy}(24.7954, 0.3600, 0.2936)$

Have a look what the booklet for
Yxy(24.7954, 0.3600, 0.2936)
contains.

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Color

Yxy(24.6433, 0.3600, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	B4768F
RGB	180, 118, 143
RGB Percent	71%, 46%, 56%
CMY	0.2941, 0.5372, 0.4392
CMYK	0.00, 0.34, 0.21, 0.29
HSL	336°, 29%, 58%
HSV	336°, 34%, 71%
XYZ	30.2578, 24.6433, 29.1484
YIQ	139.3880, 28.9270, 20.9190

Conversions

Conversions Part 2

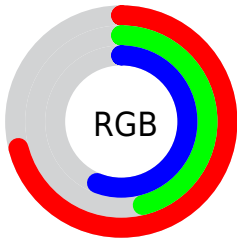
Format	Color
R_{YB}	180, 118, 143
Decimal	11826831
CIE _{Lab}	56.73, 27.93, -3.51
CIE _{LCh}	57, 28.149, 352.840
Yxy	24.6433, 0.3600, 0.2932
Android (android.graphics.Color)	4290016911 (0xFFB4768F)
YUV	139.3880, 1.7807, 35.6167
Hunter-Lab	49.6420, 21.9258, -0.0640

Details

The Yxy color **24.6433, 0.3600, 0.2932** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.8592, 0.2816, 0.3683**, and the grayscale version is **25.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1616, 0.3498, 0.3004**, and **9.3602, 0.3775, 0.2794** is the 20% darker color. If you saturate the color by 10%, you get **20.4915, 0.3803, 0.2827**, and if you desaturate by 10%, it is **29.6374, 0.3430, 0.3040**.

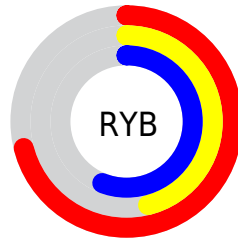
Distribution



Red (71%)

Green (46%)

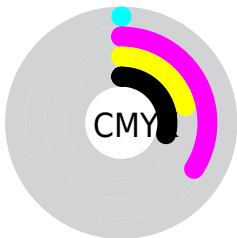
Blue (56%)



Red (71%)

Yellow (46%)

Blue (56%)

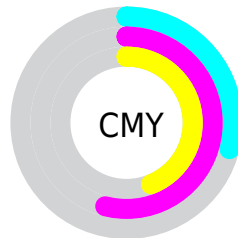


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (54%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6433, 0.3600, 0.2932 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 24.6433, 0.3600, 0.2932 by changing the saturation by 10% instead.


 24.6433, 0.3600,
0.2932


 24.6433, 0.3600,
0.2932


276.0569, 0.3341,
0.3126

 15.8115, 0.3674,
0.2878


 51.0780, 0.3500,
0.3007

 9.3909, 0.3774,
0.2805


 69.4496, 0.3464,
0.3033

 4.9970, 0.3920,
0.2700

 91.7700, 0.3434,
0.3055

 2.2455, 0.4149,
0.2539

118.4235, 0.3409,
0.3074

 0.7446, 0.4568,
0.2242

149.7946, 0.3388,
0.3090

 0.0000, 1.0000,
0.0000

186.2676, 0.3370,

 0.0000, 0.0000,

0.3104

0.0000

228.2269, 0.3354,
0.3116

■ 24.6433, 0.3600,
0.2932

■ 24.6433, 0.3600,
0.2932

■ 20.4915, 0.3803,
0.2827

■ 29.6374, 0.3430,
0.3040

■ 17.1317, 0.4040,
0.2733

■ 35.5138, 0.3288,
0.3146

■ 14.5132, 0.4309,
0.2660


■ 42.3140, 0.3172,
0.3247


■ 12.5781, 0.4604,
0.2620


■ 50.0758, 0.3076,
0.3342

■ 11.2598, 0.4908,
0.2625

■ 58.8348, 0.2997,
0.3430

 10.4780, 0.5203,
0.2682

 68.6250, 0.2933,
0.3510

 10.1781, 0.5361,
0.2727

 79.4786, 0.2879,
0.3584

 86.8764, 0.2830,
0.3578

 87.4950, 0.2776,
0.3457

Harmonies

Analogous

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



24.6433, 0.3107, 0.2657



24.6433, 0.3600, 0.2932



24.6433, 0.3976, 0.3295

Triad

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



24.6433, 0.3600, 0.2932



24.6433, 0.3564, 0.4171



24.6433, 0.2241, 0.2787

Complementary

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



24.6433, 0.3600, 0.2932



38.8592, 0.2816, 0.3683

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.



24.6433, 0.2342, 0.3192



24.6433, 0.3600, 0.2932



24.6433, 0.3087, 0.4059

Square

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



24.6433, 0.3600, 0.2932



24.6433, 0.3940, 0.4010



24.6433, 0.2643, 0.3679



24.6433, 0.2351, 0.2558

Rectangle

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



24.6433, 0.3600, 0.2932



24.6433, 0.4091, 0.3555



24.6433, 0.2643, 0.3679



24.6433, 0.2251, 0.2905

Sweetspot

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



24.6445, 0.3600, 0.2932



69.4514, 0.3236, 0.3190



23.1400, 0.2883, 0.2376



14.6498, 0.3253, 0.3176



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



24.6445, 0.3600, 0.2932



39.0723, 0.3744, 0.2855



25.2197, 0.3899, 0.3368



8.5602, 0.3226, 0.3199



7.1167, 0.5330, 0.2710



0.2356, 0.4599, 0.2307

Inverse Universe

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



24.6445, 0.3600, 0.2932



39.0723, 0.3744, 0.2855



37.7408, 0.2637, 0.3210



8.5602, 0.3226, 0.3199



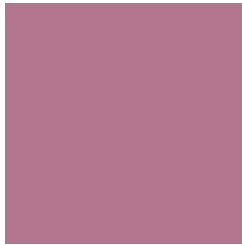
7.1167, 0.5330, 0.2710



0.2356, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 24.6433, 0.3600, 0.2932 looks on a white background.

Color Contrast Check

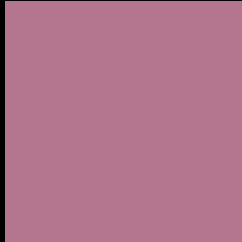
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6433, 0.3600, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

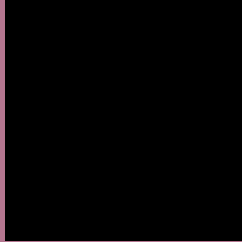
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6433, 0.3600, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 24.6433, 0.3600, 0.2932.



This preview shows how white text looks on a background with the Yxy color 24.6433, 0.3600, 0.2932.

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

24.6433, 0.3600, 0.2932

Protanopia

24.7294, 0.2927, 0.2975

Deuteranopia

24.6919, 0.3225, 0.3160



Tritanopia

24.6016, 0.3760, 0.3160

Trichromacy



Original Color

24.6433, 0.3600, 0.2932

Protanomaly

24.4818, 0.3154, 0.2957

Deuteranomaly

24.5754, 0.3362, 0.3072

Tritanomaly

24.4986, 0.3699, 0.3073

Monochromacy



Original Color

24.6433, 0.3600, 0.2932

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9961, 0.3296, 0.3147

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6433, 0.3600, 0.2932 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(180, 118, 143)` looks like.

```
.text, #text, p{  
    color:rgb(180, 118, 143)  
}
```

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(180, 118, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 118, 143) }
```

Border

The CSS property to change the border of an element to Yxy 24.6433, 0.3600, 0.2932 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(180, 118, 143) }
```

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

```
.border{ border-color:rgb(180, 118, 143) }
```

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

Here you see how a box with a 4 pixel rgb(180, 118, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 118, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 118, 143);  
box-shadow:4px 4px 4px 4px rgb(180, 118,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6433, 0.3600, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 118, 143) }
```

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

```
.background{ background-color: rgb(180,  
118, 143) }
```

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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