

Converting Colors

$Y_{xy}(24.4051, 0.3671, 0.3034)$

Have a look what the booklet for
Yxy(24.4051, 0.3671, 0.3034)
contains.

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Color

Yxy(24.3181, 0.3677, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	B37688
RGB	179, 118, 136
RGB Percent	70%, 46%, 53%
CMY	0.2981, 0.5372, 0.4667
CMYK	0.00, 0.34, 0.24, 0.30
HSL	342°, 29%, 58%
HSV	342°, 34%, 70%
XYZ	29.5108, 24.3181, 26.4289
YIQ	138.2910, 30.5780, 18.5300

Conversions

Conversions Part 2

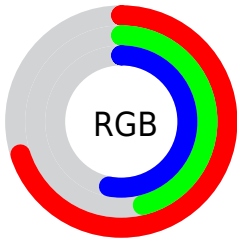
Format	Color
R_{YB}	179, 118, 136
Decimal	11761288
CIE _{Lab}	56.40, 26.48, 0.08
CIE _{LCh}	56, 26.482, 0.168
Yxy	24.3181, 0.3677, 0.3030
Android (android.graphics.Color)	4289951368 (0xFFB37688)
YUV	138.2910, -1.1295, 35.7018
Hunter-Lab	49.3134, 20.5219, 2.7437

Details

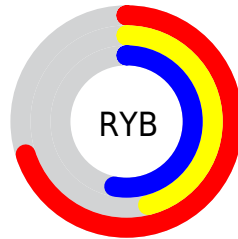
The Yxy color $24.3181, 0.3677, 0.3030$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $38.6622, 0.2773, 0.3570$, and the grayscale version is $25.5287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6328, 0.3561, 0.3091$, and $9.2881, 0.3893, 0.2948$ is the 20% darker color. If you saturate the color by 10%, you get $20.1577, 0.3920, 0.2953$, and if you desaturate by 10%, it is $29.3230, 0.3475, 0.3109$.

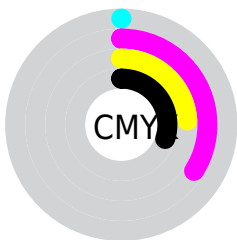
Distribution



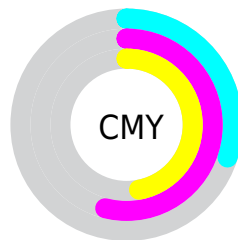
- Red (70%)
- Green (46%)
- Blue (53%)



- Red (70%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (24%)
- Black (30%)





- Cyan (30%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3181, 0.3677, 0.3030 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 24.3181, 0.3677, 0.3030 by changing the saturation by 10% instead.


 24.3181, 0.3677,
0.3030


 24.3181, 0.3677,
0.3030


274.4248, 0.3373,
0.3174


 15.5698, 0.3765,
0.2988


 50.5488, 0.3558,
0.3086

 9.2202, 0.3885,
0.2931


 68.7999, 0.3516,
0.3106

 4.8851, 0.4062,
0.2848

 90.9875, 0.3482,
0.3123

 2.1800, 0.4343,
0.2714

117.4958, 0.3453,
0.3136

 0.7091, 0.4898,
0.2451

148.7093, 0.3428,
0.3148

 0.0000, 1.0000,
0.0000

185.0123, 0.3407,

 0.0000, 0.0000,

0.3158

0.0000

226.7894, 0.3389,
0.3167

■ 24.3181, 0.3677,
0.3030

■ 24.3181, 0.3677,
0.3030

■ 20.1577, 0.3920,
0.2953

■ 29.3230, 0.3475,
0.3109

■ 16.7915, 0.4207,
0.2886

■ 35.2120, 0.3310,
0.3187

■ 14.1692, 0.4535,
0.2837

■ 42.0267, 0.3175,
0.3261


■ 12.2332, 0.4892,
0.2818


■ 49.8046, 0.3064,
0.3330

■ 10.9174, 0.5256,
0.2839


■ 58.5815, 0.2974,
0.3394

 10.1424, 0.5593,
0.2905

 68.3911, 0.2901,
0.3452

 9.8377, 0.5775,
0.2955

 79.2656, 0.2840,
0.3505

 87.2144, 0.2784,
0.3487

 87.9782, 0.2722,
0.3347

Harmonies

Analogous

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



24.3181, 0.3225, 0.2742



24.3181, 0.3677, 0.3030



24.3181, 0.3982, 0.3388

Triad

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



24.3181, 0.3677, 0.3030



24.3181, 0.3436, 0.4120



24.3181, 0.2293, 0.2745

Complementary

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



24.3181, 0.3677, 0.3030



38.6622, 0.2773, 0.3570

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.



24.3181, 0.2340, 0.3094



24.3181, 0.3677, 0.3030



24.3181, 0.2981, 0.3945

Square

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



24.3181, 0.3677, 0.3030



24.3181, 0.3826, 0.4029



24.3181, 0.2584, 0.3547



24.3181, 0.2445, 0.2570

Rectangle

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



24.3181, 0.3677, 0.3030



24.3181, 0.4047, 0.3633



24.3181, 0.2584, 0.3547



24.3181, 0.2286, 0.2844

Sweetspot

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



24.3192, 0.3677, 0.3030



67.6309, 0.3254, 0.3217



23.7591, 0.2964, 0.2407



14.6173, 0.3273, 0.3206



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.



24.3192, 0.3677, 0.3030



37.7453, 0.3858, 0.2971



26.9110, 0.3852, 0.3470



8.5451, 0.3242, 0.3223



6.9627, 0.5745, 0.2938



0.2296, 0.4938, 0.2494

Inverse Universe

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



24.3192, 0.3677, 0.3030



37.7453, 0.3858, 0.2971



34.6688, 0.2628, 0.3100



8.5451, 0.3242, 0.3223



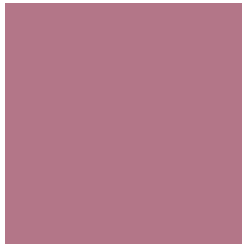
6.9627, 0.5745, 0.2938



0.2296, 0.4938, 0.2494

Previews

White Background



This preview shows how the Yxy color 24.3181, 0.3677, 0.3030 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 24.3181, 0.3677, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

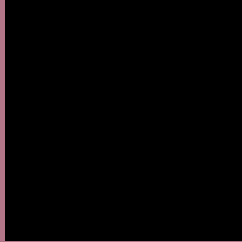
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3181, 0.3677, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 24.3181, 0.3677, 0.3030.



This preview shows how white text looks on a background with the Yxy color 24.3181, 0.3677, 0.3030.

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

24.3181, 0.3677, 0.3030

Protanopia

24.5542, 0.3015, 0.3105

Deuteranopia

24.3434, 0.3304, 0.3241



Tritanopia

24.2171, 0.3764, 0.3160

Trichromacy



Original Color

24.3181, 0.3677, 0.3030

Protanomaly

24.2328, 0.3241, 0.3081

Deuteranomaly

24.1446, 0.3434, 0.3149

Tritanomaly

24.2973, 0.3726, 0.3116

Monochromacy



Original Color

24.3181, 0.3677, 0.3030

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.8110, 0.3317, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3181, 0.3677, 0.3030 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(179, 118, 136)` looks like.

```
.text, #text, p{  
    color:rgb(179, 118, 136)  
}
```

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(179, 118, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 118, 136) }
```

Border

The CSS property to change the border of an element to Yxy 24.3181, 0.3677, 0.3030 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(179, 118, 136) }
```

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

```
.border{ border-color:rgb(179, 118, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 118, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 118, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 118, 136);  
box-shadow:4px 4px 4px 4px rgb(179, 118,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3181, 0.3677, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 118, 136) }
```

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

```
.background{ background-color: rgb(179,  
118, 136) }
```

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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