

Converting Colors

$Y_{xy}(23.9637, 0.3758, 0.3136)$

Have a look what the booklet for
Yxy(23.9637, 0.3758, 0.3136)
contains.

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Color

Yxy(24.0068, 0.3755, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	B27681
RGB	178, 118, 129
RGB Percent	70%, 46%, 51%
CMY	0.3020, 0.5372, 0.4940
CMYK	0.00, 0.34, 0.28, 0.30
HSL	349°, 28%, 58%
HSV	349°, 34%, 70%
XYZ	28.8005, 24.0068, 23.8918
YIQ	137.1940, 32.2290, 16.1410

Conversions

Conversions Part 2

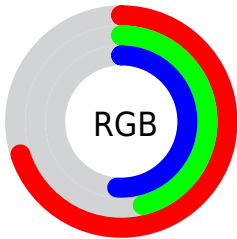
Format	Color
R_{YB}	178, 118, 129
Decimal	11695745
CIE _{Lab}	56.09, 25.08, 3.67
CIE _{LCh}	56, 25.348, 8.325
Yxy	24.0068, 0.3755, 0.3130
Android (android.graphics.Color)	4289885825 (0xFFB27681)
YUV	137.1940, -4.0396, 35.7869
Hunter-Lab	48.9967, 19.1788, 5.3868

Details

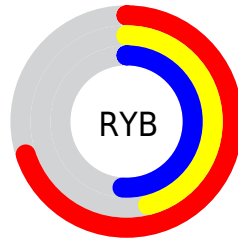
The Yxy color **24.0068, 0.3755, 0.3130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.4785, 0.2730, 0.3460**, and the grayscale version is **25.1009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1654, 0.3616, 0.3168**, and **9.1205, 0.3998, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **19.8443, 0.4039, 0.3083**, and if you desaturate by 10%, it is **29.0176, 0.3521, 0.3179**.

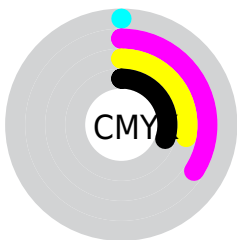
Distribution



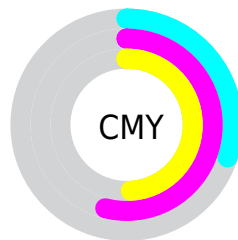
- Red (70%)
- Green (46%)
- Blue (51%)



- Red (70%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (30%)




- Cyan (30%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0068, 0.3755, 0.3130 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 24.0068, 0.3755, 0.3130 by changing the saturation by 10% instead.


 24.0068, 0.3755,
0.3130

 24.0068, 0.3755,
0.3130

272.8549, 0.3405,
0.3223


 15.3387, 0.3857,
0.3102


 50.0413, 0.3618,
0.3167

 9.0574, 0.3998,
0.3061


 68.1764, 0.3569,
0.3180

 4.7787, 0.4205,
0.3000

 90.2361, 0.3530,
0.3191

 2.1180, 0.4537,
0.2896

116.6045, 0.3497,
0.3199

 0.6747, 0.5346,
0.2724

147.6662, 0.3468,
0.3206

 0.0000, 1.0000,
0.0000

183.8056, 0.3444,

 0.0000, 0.0000,

0.3213


0.0000


225.4070, 0.3423,
0.3218


 24.0068, 0.3755,
0.3130


 24.0068, 0.3755,
0.3130

 19.8443, 0.4039,
0.3083


 29.0176, 0.3521,
0.3179

 16.4796, 0.4377,
0.3043

 34.9164, 0.3331,
0.3228


 13.8625, 0.4762,
0.3017


 41.7449, 0.3176,
0.3274


 11.9354, 0.5177,
0.3014


 49.5407, 0.3052,
0.3316


 10.6323, 0.5583,
0.3041

 58.3396, 0.2950,
0.3355


 9.8742, 0.5932,
0.3100

 68.1756, 0.2867,
0.3391

 9.5720, 0.6111,
0.3140

 79.0810, 0.2800,
0.3423

 87.5929, 0.2738,
0.3395

 88.2039, 0.2691,
0.3289

Harmonies

Analogous

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



24.0068, 0.3346, 0.2827



24.0068, 0.3755, 0.3130



24.0068, 0.3988, 0.3484

Triad

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



24.0068, 0.3755, 0.3130



24.0068, 0.3308, 0.4067



24.0068, 0.2344, 0.2703

Complementary

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



24.0068, 0.3755, 0.3130



38.4785, 0.2730, 0.3460

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.



24.0068, 0.2337, 0.2998



24.0068, 0.3755, 0.3130



24.0068, 0.2873, 0.3830

Square

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



24.0068, 0.3755, 0.3130



24.0068, 0.3712, 0.4047



24.0068, 0.2523, 0.3417



24.0068, 0.2541, 0.2581

Rectangle

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



24.0068, 0.3755, 0.3130



24.0068, 0.4003, 0.3714



24.0068, 0.2523, 0.3417



24.0068, 0.2320, 0.2783

Sweetspot

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



24.0079, 0.3755, 0.3130



67.4986, 0.3272, 0.3244



24.2788, 0.3032, 0.2435



14.5845, 0.3295, 0.3238



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.



24.0079, 0.3755, 0.3130



38.1057, 0.3948, 0.3097



28.3810, 0.3812, 0.3555



8.5299, 0.3259, 0.3248



6.8566, 0.6087, 0.3127



0.2233, 0.5375, 0.2735

Inverse Universe

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



24.0079, 0.3755, 0.3130



38.1057, 0.3948, 0.3097



32.2062, 0.2621, 0.3006



8.5299, 0.3259, 0.3248



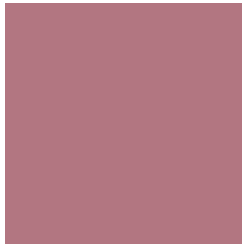
6.8566, 0.6087, 0.3127



0.2233, 0.5375, 0.2735

Previews

White Background



This preview shows how the Yxy color 24.0068, 0.3755, 0.3130 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 24.0068, 0.3755, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

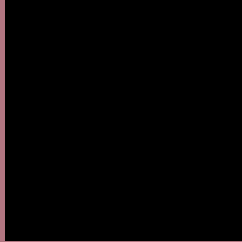
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0068, 0.3755, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 24.0068, 0.3755, 0.3130.



This preview shows how white text looks on a background with the Yxy color 24.0068, 0.3755, 0.3130.

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

24.0068, 0.3755, 0.3130

Protanopia

24.1194, 0.3108, 0.3222

Deuteranopia

24.0769, 0.3409, 0.3340



Tritanopia

23.9542, 0.3781, 0.3160

Trichromacy



Original Color

24.0068, 0.3755, 0.3130

Protanomaly

23.7669, 0.3322, 0.3177

Deuteranomaly

24.0573, 0.3530, 0.3260

Tritanomaly

23.9804, 0.3768, 0.3145

Monochromacy



Original Color

24.0068, 0.3755, 0.3130

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.3619, 0.3341, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0068, 0.3755, 0.3130 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(178, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(178, 118, 129)  
}
```

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(178, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 118, 129) }
```

Border

The CSS property to change the border of an element to Yxy 24.0068, 0.3755, 0.3130 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(178, 118, 129) }
```

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

```
.border{ border-color:rgb(178, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(178, 118,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0068, 0.3755, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 118, 129) }
```

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

```
.background{ background-color: rgb(178,  
118, 129) }
```

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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