

Converting Colors

$Y_{xy}(25.6741, 0.3766, 0.3220)$

Have a look what the booklet for
Yxy(25.6741, 0.3766, 0.3220)
contains.

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Color

Yxy(25.7036, 0.3756, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	B47C81
RGB	180, 124, 129
RGB Percent	71%, 49%, 51%
CMY	0.2942, 0.5137, 0.4941
CMYK	0.00, 0.31, 0.28, 0.29
HSL	355°, 27%, 60%
HSV	355°, 31%, 71%
XYZ	29.9915, 25.7036, 24.1545
YIQ	141.3140, 31.7710, 13.4270

Conversions

Conversions Part 2

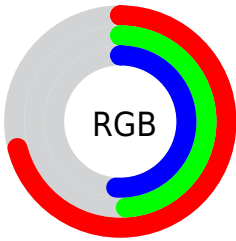
Format	Color
R_{YB}	180, 124, 129
Decimal	11828353
CIE _{Lab}	57.75, 22.49, 6.09
CIE _{LCh}	58, 23.303, 15.153
Yxy	25.7036, 0.3756, 0.3219
Android (android.graphics.Color)	4290018433 (0xFFB47C81)
YUV	141.3140, -6.0708, 33.9276
Hunter-Lab	50.6987, 16.8714, 7.2414

Details

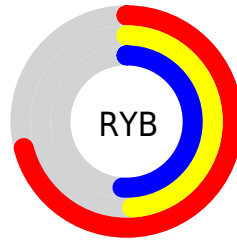
The Yxy color $25.7036, 0.3756, 0.3219$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $40.0187, 0.2721, 0.3364$, and the grayscale version is $26.7815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8262, 0.3620, 0.3236$, and $9.9124, 0.3999, 0.3171$ is the 20% darker color. If you saturate the color by 10%, you get $21.1959, 0.4062, 0.3196$, and if you desaturate by 10%, it is $31.1070, 0.3506, 0.3243$.

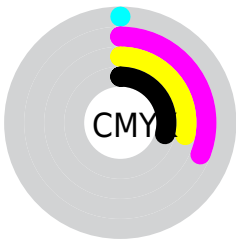
Distribution



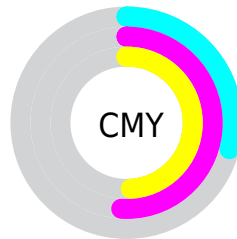
- Red (71%)
- Green (49%)
- Blue (51%)



- Red (71%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7036, 0.3756, 0.3219 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 25.7036, 0.3756, 0.3219 by changing the saturation by 10% instead.


 25.7036, 0.3756,
0.3219


 25.7036, 0.3756,
0.3219


281.3240, 0.3408,
0.3264

 16.6020, 0.3856,
0.3204


 52.7964, 0.3620,
0.3238

 9.9512, 0.3993,
0.3182


 71.5564, 0.3572,
0.3244

 5.3666, 0.4193,
0.3146

 94.3047, 0.3533,
0.3249

 2.4639, 0.4509,
0.3082

121.4256, 0.3500,
0.3253

 0.8585, 0.5199,
0.3014

153.3037, 0.3472,
0.3256

 0.0000, 1.0000,
0.0000


190.3231, 0.3447,


 0.0000, 0.0000,


0.3259


0.0000


232.8685, 0.3426,
0.3262

 25.7036, 0.3756,
0.3219


 25.7036, 0.3756,
0.3219

 21.1959, 0.4062,
0.3196


 31.1070, 0.3506,
0.3243


 17.5321, 0.4427,
0.3177


 37.4471, 0.3305,
0.3266


 14.6608, 0.4847,
0.3165


 44.7666, 0.3143,
0.3288


 12.5232, 0.5297,
0.3165


 53.1046, 0.3012,
0.3308


 11.0527, 0.5730,
0.3181

 62.4980, 0.2907,
0.3326

 10.1704, 0.6083,
0.3214

 72.9819, 0.2821,
0.3343

 9.7398, 0.6298,
0.3243

 84.5898, 0.2750,
0.3358

 88.4421, 0.2701,
0.3289

Harmonies

Analogous

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



25.7036, 0.3416, 0.2927



25.7036, 0.3756, 0.3219



25.7036, 0.3917, 0.3543

Triad

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



25.7036, 0.3756, 0.3219



25.7036, 0.3203, 0.3955



25.7036, 0.2444, 0.2722

Complementary

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



25.7036, 0.3756, 0.3219



40.0187, 0.2721, 0.3364

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.



25.7036, 0.2397, 0.2957



25.7036, 0.3756, 0.3219



25.7036, 0.2819, 0.3697

Square

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



25.7036, 0.3756, 0.3219



25.7036, 0.3582, 0.3993



25.7036, 0.2529, 0.3316



25.7036, 0.2661, 0.2645

Rectangle

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



25.7036, 0.3756, 0.3219



25.7036, 0.3896, 0.3743



25.7036, 0.2529, 0.3316



25.7036, 0.2409, 0.2783

Sweetspot

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



25.7048, 0.3756, 0.3219



70.3531, 0.3271, 0.3270



26.7559, 0.3102, 0.2516



14.8148, 0.3296, 0.3267



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.



25.7048, 0.3756, 0.3219



41.0961, 0.3949, 0.3204



31.8391, 0.3722, 0.3613



8.5172, 0.3273, 0.3270



6.8032, 0.6281, 0.3234



0.2181, 0.5841, 0.2991

Inverse Universe

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



25.7048, 0.3756, 0.3219



41.0961, 0.3949, 0.3204



31.8971, 0.2648, 0.2942



8.5172, 0.3273, 0.3270



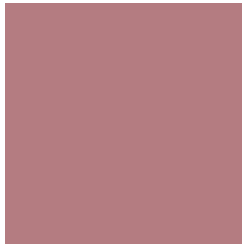
6.8032, 0.6281, 0.3234



0.2181, 0.5841, 0.2991

Previews

White Background



This preview shows how the Yxy color 25.7036, 0.3756, 0.3219 looks on a white background.

Color Contrast Check

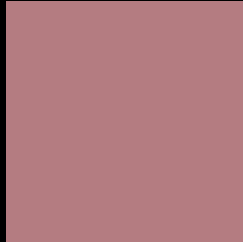
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7036, 0.3756, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

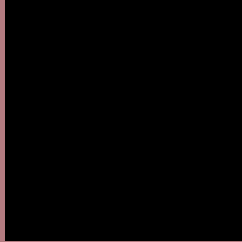
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7036, 0.3756, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 25.7036, 0.3756, 0.3219.



This preview shows how white text looks on a background with the Yxy color 25.7036, 0.3756, 0.3219.

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

25.7036, 0.3756, 0.3219

Protanopia

25.7339, 0.3182, 0.3307

Deuteranopia

25.7506, 0.3470, 0.3403



Tritanopia

25.5627, 0.3710, 0.3147

Trichromacy



Original Color

25.7036, 0.3756, 0.3219

Protanomaly

25.5642, 0.3382, 0.3275

Deuteranomaly

25.5231, 0.3566, 0.3322

Tritanomaly

25.5352, 0.3723, 0.3161

Monochromacy



Original Color

25.7036, 0.3756, 0.3219

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1027, 0.3333, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7036, 0.3756, 0.3219 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, 124, 129)` looks like.

```
.text, #text, p{  
    color:rgb(180, 124, 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(180, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 124, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.7036, 0.3756, 0.3219 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, 124, 129) }
```

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

```
.border{ border-color:rgb(180, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 124, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 124, 129);  
box-shadow:4px 4px 4px 4px rgb(180, 124,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7036, 0.3756, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 124, 129) }
```

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

```
.background{ background-color: rgb(180,  
124, 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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