

Converting Colors

$Y_{xy}(28.3401, 0.3728, 0.3106)$

Have a look what the booklet for
Yxy(28.3401, 0.3728, 0.3106)
contains.

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Color

Yxy(28.1782, 0.3727, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	BF7F8D
RGB	191, 127, 141
RGB Percent	75%, 50%, 55%
CMY	0.2509, 0.5020, 0.4470
CMYK	0.00, 0.34, 0.26, 0.25
HSL	347°, 33%, 62%
HSV	347°, 34%, 75%
XYZ	33.8884, 28.1782, 28.8602
YIQ	147.7320, 33.6500, 17.9220

Conversions

Conversions Part 2

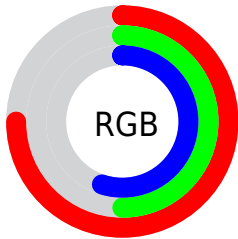
Format	Color
R_{YB}	191, 127, 141
Decimal	12550029
CIE _{Lab}	60.05, 26.75, 2.65
CIE _{LCh}	60, 26.879, 5.652
Yxy	28.1782, 0.3727, 0.3099
Android (android.graphics.Color)	4290740109 (0xFFBF7F8D)
YUV	147.7320, -3.3189, 37.9460
Hunter-Lab	53.0831, 21.0593, 4.9235

Details

The Yxy color $28.1782, 0.3727, 0.3099$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $44.9570, 0.2745, 0.3494$, and the grayscale version is $29.5017, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7224, 0.3602, 0.3132$, and $11.2973, 0.3940, 0.3029$ is the 20% darker color. If you saturate the color by 10%, you get $23.2901, 0.3999, 0.3042$, and if you desaturate by 10%, it is $34.0641, 0.3503, 0.3158$.

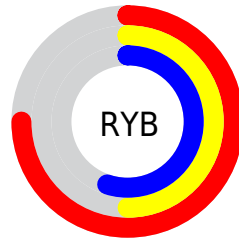
Distribution



Red (75%)

Green (50%)

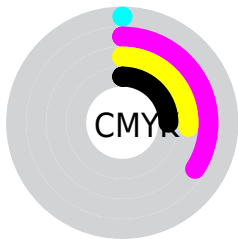
Blue (55%)



Red (75%)

Yellow (50%)

Blue (55%)

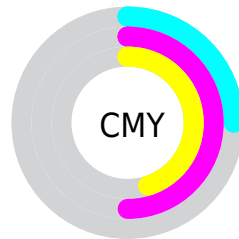


Cyan (0%)

Magenta (34%)

Yellow (26%)

Black (25%)



Cyan (25%)


Magenta (50%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1782, 0.3727, 0.3099 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 28.1782, 0.3727, 0.3099 by changing the saturation by 10% instead.


 28.1782, 0.3727,
0.3099


 28.1782, 0.3727,
0.3099


293.3174, 0.3401,
0.3205


 18.4600, 0.3818,
0.3068


 56.7688, 0.3602,
0.3140

 11.2808, 0.3942,
0.3026


 76.4101, 0.3557,
0.3155

 6.2560, 0.4118,
0.2965


 100.1278, 0.3519,
0.3167

 3.0014, 0.4391,
0.2868

128.3064, 0.3488,
0.3177

 1.1324, 0.4861,
0.2694

161.3303, 0.3462,
0.3186

 0.0055, 0.9918,
0.0082


199.5838, 0.3439,


 0.0000, 0.0000,


0.3193


0.0000


243.4514, 0.3419,
0.3200


 28.1782, 0.3727,
0.3099


 28.1782, 0.3727,
0.3099


 23.2901, 0.3999,
0.3042


 34.0641, 0.3503,
0.3158


 19.3405, 0.4321,
0.2993


 40.9950, 0.3320,
0.3217

 16.2698, 0.4691,
0.2960


 49.0198, 0.3172,
0.3272

 14.0100, 0.5091,
0.2953


 58.1830, 0.3052,
0.3323


 12.4831, 0.5488,
0.2980


 68.5268, 0.2955,
0.3369

 11.5952, 0.5838,
0.3044

 80.0912, 0.2875,
0.3412

 11.2455, 0.6027,
0.3094

 89.2187, 0.2805,
0.3391

 89.8193, 0.2757,
0.3289

Harmonies

Analogous

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



28.1782, 0.3306, 0.2802



28.1782, 0.3727, 0.3099



28.1782, 0.3982, 0.3452

Triad

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



28.1782, 0.3727, 0.3099



28.1782, 0.3348, 0.4080



28.1782, 0.2331, 0.2719

Complementary

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



28.1782, 0.3727, 0.3099



44.9570, 0.2745, 0.3494

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.



28.1782, 0.2342, 0.3030



28.1782, 0.3727, 0.3099



28.1782, 0.2909, 0.3863

Square

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



28.1782, 0.3727, 0.3099



28.1782, 0.3745, 0.4037



28.1782, 0.2546, 0.3457



28.1782, 0.2513, 0.2581

Rectangle

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



28.1782, 0.3727, 0.3099



28.1782, 0.4013, 0.3686



28.1782, 0.2546, 0.3457



28.1782, 0.2313, 0.2805

Sweetspot

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



28.1795, 0.3727, 0.3099



78.0111, 0.3267, 0.3235



28.1788, 0.3010, 0.2429



16.6963, 0.3289, 0.3227



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.1795, 0.3727, 0.3099



44.0522, 0.3915, 0.3058



32.5780, 0.3821, 0.3526



9.5697, 0.3255, 0.3240



7.3985, 0.5996, 0.3077



0.2998, 0.5319, 0.2704

Inverse Universe

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



28.1795, 0.3727, 0.3099



44.0522, 0.3915, 0.3058



38.5259, 0.2625, 0.3038



9.5697, 0.3255, 0.3240



7.3985, 0.5996, 0.3077



0.2998, 0.5319, 0.2704

Previews

White Background



This preview shows how the Yxy color 28.1782, 0.3727, 0.3099 looks on a white background.

Color Contrast Check

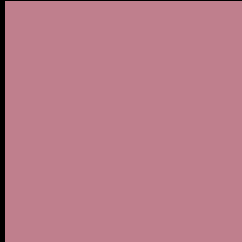
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1782, 0.3727, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

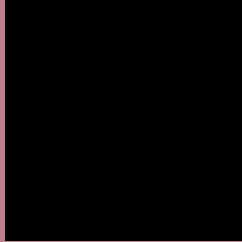
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1782, 0.3727, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 28.1782, 0.3727, 0.3099.



This preview shows how white text looks on a background with the Yxy color 28.1782, 0.3727, 0.3099.

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

28.1782, 0.3727, 0.3099

Protanopia

28.2919, 0.3080, 0.3179

Deuteranopia

28.1973, 0.3369, 0.3306



Tritanopia

28.3209, 0.3772, 0.3168

Trichromacy



Original Color

28.1782, 0.3727, 0.3099

Protanomaly

27.9649, 0.3299, 0.3153

Deuteranomaly

27.9921, 0.3495, 0.3217

Tritanomaly

28.3497, 0.3760, 0.3154

Monochromacy



Original Color

28.1782, 0.3727, 0.3099

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.6930, 0.3339, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1782, 0.3727, 0.3099 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(191, 127, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 127, 141)  
}
```

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(191, 127, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 127, 141) }
```

Border

The CSS property to change the border of an element to Yxy 28.1782, 0.3727, 0.3099 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(191, 127, 141) }
```

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

```
.border{ border-color:rgb(191, 127, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 127, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 127, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 127, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 127,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1782, 0.3727, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 127, 141) }
```

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

```
.background{ background-color: rgb(191,  
127, 141) }
```

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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