

Converting Colors

$Y_{xy}(25.8303, 0.3683, 0.2993)$

Have a look what the booklet for
Yxy(25.8303, 0.3683, 0.2993)
contains.

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Color

Yxy(25.7951, 0.3692, 0.2997)

Conversions

Conversions Part 1

Format	Color
Hex	BA788D
RGB	186, 120, 141
RGB Percent	73%, 47%, 55%
CMY	0.2705, 0.5294, 0.4471
CMYK	0.00, 0.35, 0.24, 0.27
HSL	341°, 32%, 60%
HSV	341°, 35%, 73%
XYZ	31.7769, 25.7951, 28.4977
YIQ	142.1280, 32.5950, 20.5230

Conversions

Conversions Part 2

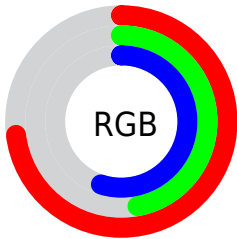
Format	Color
R_{YB}	186, 120, 141
Decimal	12220557
CIE Lab	57.84, 28.74, -0.62
CIE LCh	58, 28.747, 358.768
Yxy	25.7951, 0.3692, 0.2997
Android (android.graphics.Color)	4290410637 (0xFFBA788D)
YUV	142.1280, -0.5561, 38.4757
Hunter-Lab	50.7889, 22.8011, 2.2845

Details

The Yxy color $25.7951, 0.3692, 0.2997$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $41.8377, 0.2769, 0.3609$, and the grayscale version is $27.0965, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8820, 0.3565, 0.3053$, and $9.9609, 0.3894, 0.2886$ is the 20% darker color. If you saturate the color by 10%, you get $21.3921, 0.3933, 0.2915$, and if you desaturate by 10%, it is $31.1130, 0.3491, 0.3083$.

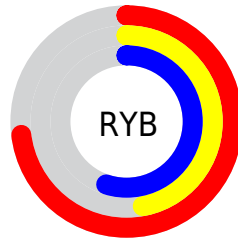
Distribution



Red (73%)

Green (47%)

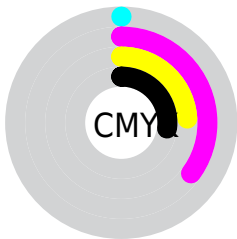
Blue (55%)



Red (73%)

Yellow (47%)

Blue (55%)

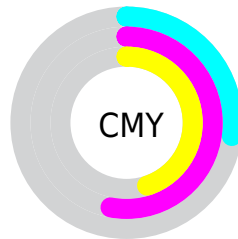


Cyan (0%)

Magenta (35%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7951, 0.3692, 0.2997 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 25.7951, 0.3692, 0.2997 by changing the saturation by 10% instead.


 25.7951, 0.3692,
0.2997

 25.7951, 0.3692,
0.2997


281.7748, 0.3382,
0.3157


 16.6704, 0.3780,
0.2952


 52.9442, 0.3572,
0.3059

 9.9998, 0.3899,
0.2890


 71.7374, 0.3529,
0.3081

 5.3988, 0.4072,
0.2802

 94.5223, 0.3494,
0.3099

 2.4831, 0.4343,
0.2664

121.6831, 0.3465,
0.3115

 0.8682, 0.4822,
0.2421

153.6044, 0.3439,
0.3128

 0.0000, 1.0000,
0.0000

190.6705, 0.3418,

 0.0000, 0.0000,

0.3139

0.0000

233.2659, 0.3399,
0.3149

■ 25.7951, 0.3692,
0.2997

■ 25.7951, 0.3692,
0.2997

■ 21.3921, 0.3933,
0.2915

■ 31.1130, 0.3491,
0.3083

■ 17.8483, 0.4216,
0.2844

■ 37.3899, 0.3326,
0.3167

■ 15.1077, 0.4538,
0.2793


■ 44.6716, 0.3191,
0.3248


■ 13.1059, 0.4886,
0.2776


■ 52.9998, 0.3080,
0.3323


■ 11.7686, 0.5238,
0.2801

■ 62.4137, 0.2990,
0.3393


 11.0038, 0.5563,
0.2875

 72.9507, 0.2916,
0.3456

 10.7591, 0.5699,
0.2913

 84.6463, 0.2855,
0.3515

 88.4023, 0.2793,
0.3424

 89.1819, 0.2731,
0.3289

Harmonies

Analogous

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



25.7951, 0.3206, 0.2698



25.7951, 0.3692, 0.2997



25.7951, 0.4028, 0.3372

Triad

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



25.7951, 0.3692, 0.2997



25.7951, 0.3475, 0.4178



25.7951, 0.2241, 0.2723

Complementary

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



25.7951, 0.3692, 0.2997



41.8377, 0.2769, 0.3609

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.



25.7951, 0.2301, 0.3100



25.7951, 0.3692, 0.2997



25.7951, 0.2992, 0.4006

Square

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



25.7951, 0.3692, 0.2997



25.7951, 0.3884, 0.4063



25.7951, 0.2566, 0.3586



25.7951, 0.2392, 0.2532

Rectangle

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



25.7951, 0.3692, 0.2997



25.7951, 0.4106, 0.3632



25.7951, 0.2566, 0.3586



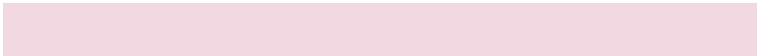
25.7951, 0.2237, 0.2830

Sweetspot

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



25.7963, 0.3692, 0.2997



73.2157, 0.3264, 0.3203



24.8718, 0.2931, 0.2360



15.7356, 0.3283, 0.3192



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.7963, 0.3692, 0.2997



40.0700, 0.3887, 0.2929



28.0303, 0.3907, 0.3448



9.0580, 0.3239, 0.3218



7.2487, 0.5665, 0.2894



0.2671, 0.4917, 0.2483

Inverse Universe

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



25.7963, 0.3692, 0.2997



40.0700, 0.3887, 0.2929



38.2057, 0.2612, 0.3124



9.0580, 0.3239, 0.3218



7.2487, 0.5665, 0.2894



0.2671, 0.4917, 0.2483

Previews

White Background



This preview shows how the Yxy color 25.7951, 0.3692, 0.2997 looks on a white background.

Color Contrast Check

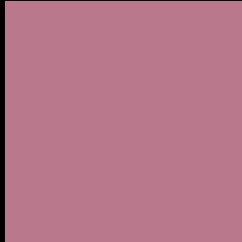
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7951, 0.3692, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

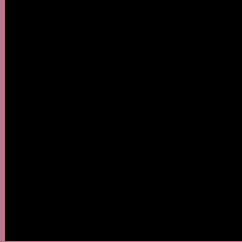
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7951, 0.3692, 0.2997

Background



This preview shows how black text looks on a background with the Yxy color 25.7951, 0.3692, 0.2997.



This preview shows how white text looks on a background with the Yxy color 25.7951, 0.3692, 0.2997.

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

25.7951, 0.3692, 0.2997

Protanopia

25.8472, 0.2988, 0.3061

Deuteranopia

25.9352, 0.3299, 0.3243



Tritanopia

25.8720, 0.3799, 0.3164

Trichromacy



Original Color

25.7951, 0.3692, 0.2997

Protanomaly

25.3393, 0.3219, 0.3024

Deuteranomaly

25.8287, 0.3438, 0.3153

Tritanomaly

25.7383, 0.3752, 0.3094

Monochromacy



Original Color

25.7951, 0.3692, 0.2997

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.2723, 0.3315, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7951, 0.3692, 0.2997 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(186, 120, 141)` looks like.

```
.text, #text, p{  
    color:rgb(186, 120, 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(186, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 120, 141) }
```

Border

The CSS property to change the border of an element to Yxy 25.7951, 0.3692, 0.2997 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(186, 120, 141) }
```

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

```
.border{ border-color:rgb(186, 120, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 120, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 120, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 120, 141);  
box-shadow:4px 4px 4px 4px rgb(186, 120,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7951, 0.3692, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 120, 141) }
```

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

```
.background{ background-color: rgb(186,  
120, 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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