

Converting Colors

$Y_{xy}(25.7005, 0.3385, 0.2791)$

Have a look what the booklet for
Yxy(25.7005, 0.3385, 0.2791)
contains.

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Color

Yxy(25.7005, 0.3385, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	B17A9D
RGB	177, 122, 157
RGB Percent	69%, 48%, 62%
CMY	0.3060, 0.5215, 0.3843
CMYK	0.00, 0.31, 0.11, 0.31
HSL	322°, 26%, 59%
HSV	322°, 31%, 69%
XYZ	31.1703, 25.7005, 35.2127
YIQ	142.4350, 21.5450, 22.5450

Conversions

Conversions Part 2

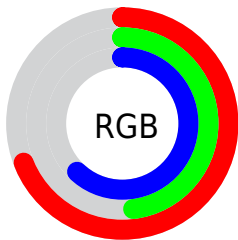
Format	Color
RYB	177, 122, 157
Decimal	11631261
CIELab	57.75, 26.91, -10.12
CIELCh	58, 28.749, 339.383
Yxy	25.7005, 0.3385, 0.2791
Android (android.graphics.Color)	4289821341 (0xFFB17A9D)
YUV	142.4350, 7.1805, 30.3135
Hunter-Lab	50.6957, 21.0334, -5.6953

Details

The Yxy color **25.7005, 0.3385, 0.2791** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.5225, 0.2937, 0.3850**, and the grayscale version is **27.1965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7370, 0.3327, 0.2885**, and **9.8863, 0.3460, 0.2614** is the 20% darker color. If you saturate the color by 10%, you get **21.5295, 0.3498, 0.2628**, and if you desaturate by 10%, it is **30.6768, 0.3287, 0.2956**.

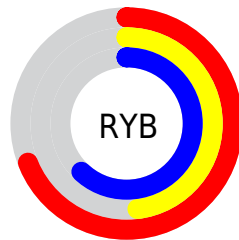
Distribution



Red (69%)

Green (48%)

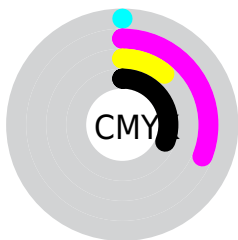
Blue (62%)



Red (69%)

Yellow (48%)

Blue (62%)

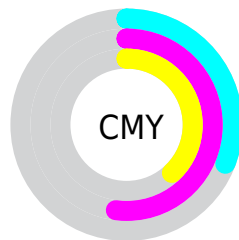


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (31%)



Cyan (31%)


Magenta (52%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7005, 0.3385, 0.2791 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 25.7005, 0.3385, 0.2791 by changing the saturation by 10% instead.


 25.7005, 0.3385,
0.2791


 25.7005, 0.3385,
0.2791


281.3087, 0.3248,
0.3055


 16.5997, 0.3422,
0.2720


 52.7914, 0.3333,
0.2890

 9.9495, 0.3471,
0.2626


 71.5503, 0.3315,
0.2927

 5.3655, 0.3539,
0.2496


 94.2973, 0.3299,
0.2957

 2.4633, 0.3641,
0.2303

121.4169, 0.3286,
0.2982

 0.8582, 0.3808,
0.1989

153.2935, 0.3274,
0.3004

 0.0000, 0.4904,
0.0000

190.3114, 0.3265,

 0.0000, 0.0000,

0.3023

0.0000

232.8550, 0.3256,
0.3040

■ 25.7005, 0.3385,
0.2791

■ 25.7005, 0.3385,
0.2791

■ 21.5295, 0.3498,
0.2628

■ 30.6768, 0.3287,
0.2956

■ 18.1171, 0.3627,
0.2475

■ 36.4947, 0.3204,
0.3119

■ 15.4172, 0.3769,
0.2342

■ 43.1927, 0.3134,
0.3274

■ 13.3772, 0.3924,
0.2240


■ 50.8057, 0.3075,
0.3421


■ 11.9372, 0.4084,
0.2179

■ 59.3669, 0.3026,
0.3557


 11.0264, 0.4245,
0.2167

 68.9076, 0.2985,
0.3683

 10.5271, 0.4388,
0.2191

 79.4578, 0.2951,
0.3799

 85.4395, 0.2919,
0.3818

 85.7636, 0.2886,
0.3742

Harmonies

Analogous

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



25.7005, 0.2889, 0.2571



25.7005, 0.3385, 0.2791



25.7005, 0.3837, 0.3124

Triad

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



25.7005, 0.3385, 0.2791



25.7005, 0.3757, 0.4133



25.7005, 0.2254, 0.2948

Complementary

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



25.7005, 0.3385, 0.2791



37.5225, 0.2937, 0.3850

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.



25.7005, 0.2449, 0.3411



25.7005, 0.3385, 0.2791



25.7005, 0.3306, 0.4153

Square

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



25.7005, 0.3385, 0.2791



25.7005, 0.4051, 0.3879



25.7005, 0.2828, 0.3879



25.7005, 0.2270, 0.2632

Rectangle

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



25.7005, 0.3385, 0.2791



25.7005, 0.4034, 0.3380



25.7005, 0.2828, 0.3879



25.7005, 0.2296, 0.3090

Sweetspot

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



25.7017, 0.3385, 0.2791



67.5388, 0.3190, 0.3149



22.7824, 0.2778, 0.2442



14.2850, 0.3201, 0.3126



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.7017, 0.3385, 0.2791



40.9711, 0.3458, 0.2683



24.8864, 0.3711, 0.3170



8.5932, 0.3191, 0.3146



7.6425, 0.4372, 0.2182



0.2512, 0.3971, 0.1961

Inverse Universe

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



25.7017, 0.3385, 0.2791



40.9711, 0.3458, 0.2683



38.4239, 0.2745, 0.3416



8.5932, 0.3191, 0.3146



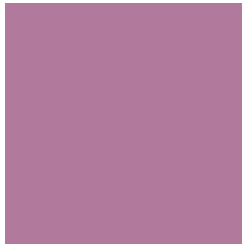
7.6425, 0.4372, 0.2182



0.2512, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 25.7005, 0.3385, 0.2791 looks on a white background.

Color Contrast Check

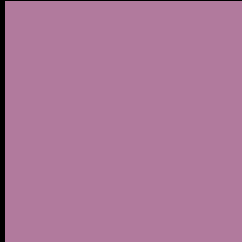
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7005, 0.3385, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

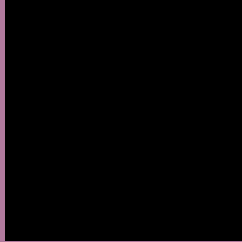
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7005, 0.3385, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 25.7005, 0.3385, 0.2791.



This preview shows how white text looks on a background with the Yxy color 25.7005, 0.3385, 0.2791.

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

25.7005, 0.3385, 0.2791

Protanopia

25.9535, 0.2800, 0.2824

Deuteranopia

25.7142, 0.3033, 0.2971



Tritanopia

25.6980, 0.3591, 0.3143

Trichromacy



Original Color

25.7005, 0.3385, 0.2791

Protanomaly

25.5364, 0.2997, 0.2808

Deuteranomaly

25.5337, 0.3157, 0.2891

Tritanomaly

25.7948, 0.3509, 0.3013

Monochromacy



Original Color

25.7005, 0.3385, 0.2791

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4031, 0.3225, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7005, 0.3385, 0.2791 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(177, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 157)  
}
```

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(177, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 157) }
```

Border

The CSS property to change the border of an element to Yxy 25.7005, 0.3385, 0.2791 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(177, 122, 157) }
```

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

```
.border{ border-color:rgb(177, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(177, 122,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7005, 0.3385, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 157) }
```

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

```
.background{ background-color: rgb(177,  
122, 157) }
```

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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