

Converting Colors

$Yxy(32.5466, 0.3001, 0.2752)$

Have a look what the booklet for
Yxy(32.5466, 0.3001, 0.2752)
contains.

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Color

Yxy(32.6066, 0.3004, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	AA92B9
RGB	170, 146, 185
RGB Percent	67%, 57%, 73%
CMY	0.3335, 0.4274, 0.2745
CMYK	0.08, 0.21, 0.00, 0.27
HSL	277°, 22%, 65%
HSV	277°, 21%, 73%
XYZ	35.6053, 32.6066, 50.3144
YIQ	157.6220, 1.7850, 17.2170

Conversions

Conversions Part 2

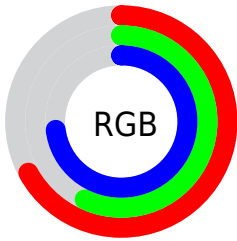
Format	Color
R _Y B	170, 146, 185
Decimal	11178681
CIE Lab	63.84, 16.29, -16.97
CIE LCh	64, 23.523, 313.842
Yxy	32.6066, 0.3004, 0.2751
Android (android.graphics.Color)	4289368761 (0xFFAA92B9)
YUV	157.6220, 13.4974, 10.8555
Hunter-Lab	57.1022, 11.3725, -12.2707

Details

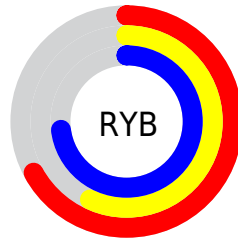
The Yxy color **32.6066, 0.3004, 0.2751** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.3572, 0.3228, 0.3843**, and the grayscale version is **33.9479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.8282, 0.3035, 0.2853**, and **13.7019, 0.2963, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **26.5833, 0.2930, 0.2474**, and if you desaturate by 10%, it is **39.5989, 0.3068, 0.3016**.

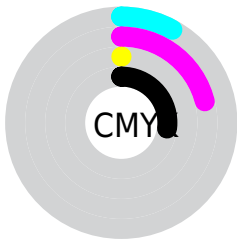
Distribution



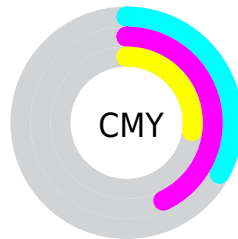
- Red (67%)
- Green (57%)
- Blue (73%)



- Red (67%)
- Yellow (57%)
- Blue (73%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (27%)




- Cyan (33%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6066, 0.3004, 0.2751 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 32.6066, 0.3004, 0.2751 by changing the saturation by 10% instead.

 32.6066, 0.3004,
0.2751


 32.6066, 0.3004,
0.2751


313.8733, 0.3073,
0.3026

 21.8252, 0.2985,
0.2681


 63.7608, 0.3031,
0.2852

 13.7285, 0.2958,
0.2590


 84.9025, 0.3040,
0.2890

 7.9321, 0.2920,
0.2467


110.2664, 0.3048,
0.2921

 4.0515, 0.2862,
0.2294

140.2370, 0.3054,
0.2949

 1.7024, 0.2763,
0.2033

175.1985, 0.3060,
0.2972

 0.4252, 0.2628,
0.1394

215.5355, 0.3065,

 0.0000, 0.0000,

0.2992

0.0000

261.6323, 0.3069,
0.3010

■ 32.6066, 0.3004,
0.2751

■ 32.6066, 0.3004,
0.2751

■ 26.5833, 0.2930,
0.2474

■ 39.5989, 0.3068,
0.3016

■ 21.4798, 0.2846,
0.2193

■ 47.5979, 0.3122,
0.3265

■ 17.2488, 0.2754,
0.1918


■ 56.6447, 0.3167,
0.3494


■ 13.8371, 0.2654,
0.1660


■ 66.7764, 0.3205,
0.3704

■ 11.1855, 0.2551,
0.1432


■ 78.0285, 0.3235,
0.3893

 9.2262, 0.2447,
0.1246


 89.1389, 0.3263,
0.4045

 7.8795, 0.2347,
0.1108

 90.2292, 0.3309,
0.4034

 7.0524, 0.2263,
0.1020

 91.3670, 0.3356,
0.4023

 92.5530, 0.3404,
0.4012

Harmonies

Analogous

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



32.6066, 0.2680, 0.2686



32.6066, 0.3004, 0.2751



32.6066, 0.3381, 0.2940

Triad

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



32.6066, 0.3004, 0.2751



32.6066, 0.3807, 0.3786



32.6066, 0.2577, 0.3332

Complementary

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



32.6066, 0.3004, 0.2751



44.3572, 0.3228, 0.3843

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.



32.6066, 0.2854, 0.3682



32.6066, 0.3004, 0.2751



32.6066, 0.3566, 0.3943

Square

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



32.6066, 0.3004, 0.2751



32.6066, 0.3861, 0.3516



32.6066, 0.3216, 0.3913



32.6066, 0.2445, 0.2994

Rectangle

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



32.6066, 0.3004, 0.2751



32.6066, 0.3609, 0.3115



32.6066, 0.3216, 0.3913



32.6066, 0.2656, 0.3453

Sweetspot

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



32.6080, 0.3004, 0.2751



77.8135, 0.3096, 0.3142



35.3200, 0.2795, 0.2950



16.5771, 0.3092, 0.3126



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



32.6080, 0.3004, 0.2751



53.5108, 0.2973, 0.2632



34.2189, 0.3188, 0.2823



8.9850, 0.3078, 0.3060



4.8451, 0.2274, 0.1026



0.2053, 0.2518, 0.1161

Inverse Universe

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



33.4541, 0.3387, 0.3085



55.3319, 0.3454, 0.3040



43.0095, 0.3071, 0.3806



9.0681, 0.3229, 0.3202



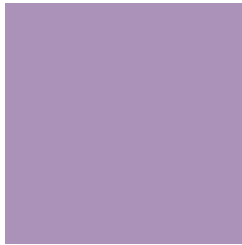
7.3498, 0.5402, 0.2750



0.2713, 0.4708, 0.2367

Previews

White Background



This preview shows how the Yxy color 32.6066, 0.3004, 0.2751 looks on a white background.

Color Contrast Check

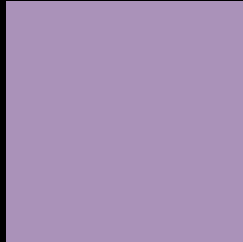
Large Text (above 18pt) WCAG AA × Fail

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 32.6066, 0.3004, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

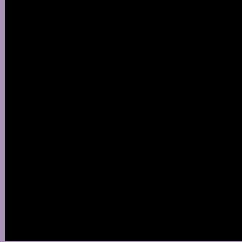
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6066, 0.3004, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 32.6066, 0.3004, 0.2751.



This preview shows how white text looks on a background with the Yxy color 32.6066, 0.3004, 0.2751.

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

32.6066, 0.3004, 0.2751

Protanopia

32.6112, 0.2747, 0.2753

Deuteranopia

32.6618, 0.2882, 0.2816



Tritanopia

32.5283, 0.3176, 0.3116

Trichromacy



Original Color

32.6066, 0.3004, 0.2751

Protanomaly

32.4121, 0.2840, 0.2747

Deuteranomaly

32.5327, 0.2928, 0.2793

Tritanomaly

32.6127, 0.3111, 0.2990

Monochromacy



Original Color

32.6066, 0.3004, 0.2751

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.6197, 0.3078, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6066, 0.3004, 0.2751 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(170, 146, 185)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 185)  
}
```

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(170, 146, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 185) }
```

Border

The CSS property to change the border of an element to Yxy 32.6066, 0.3004, 0.2751 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(170, 146, 185) }
```

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

```
.border{ border-color:rgb(170, 146, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 146, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 185);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6066, 0.3004, 0.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 185) }
```

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

```
.background{ background-color: rgb(170,  
146, 185) }
```

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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