

Converting Colors

$Y_{xy}(32.3009, 0.3045, 0.2754)$

Have a look what the booklet for
Yxy(32.3009, 0.3045, 0.2754)
contains.

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Color

Yxy(32.1361, 0.3042, 0.2751)

Conversions

Conversions Part 1

Format	Color
Hex	AC90B7
RGB	172, 144, 183
RGB Percent	67%, 56%, 72%
CMY	0.3255, 0.4353, 0.2822
CMYK	0.06, 0.21, 0.00, 0.28
HSL	283°, 21%, 64%
HSV	283°, 21%, 72%
XYZ	35.5354, 32.1361, 49.1445
YIQ	156.8180, 4.1690, 18.0650

Conversions

Conversions Part 2

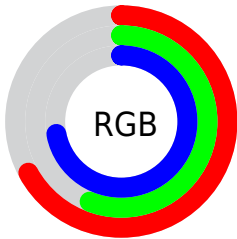
Format	Color
R _Y B	172, 144, 183
Decimal	11309239
CIE Lab	63.46, 17.72, -16.42
CIE LCh	63, 24.161, 317.177
Yxy	32.1361, 0.3042, 0.2751
Android (android.graphics.Color)	4289499319 (0xFFAC90B7)
YUV	156.8180, 12.9077, 13.3146
Hunter-Lab	56.6887, 12.6879, -11.7175

Details

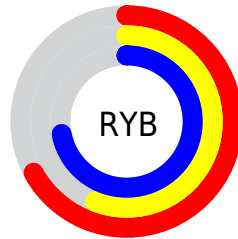
The Yxy color **32.1361, 0.3042, 0.2751** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.8639, 0.3194, 0.3856**, and the grayscale version is **33.5715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1141, 0.3064, 0.2854**, and **13.3623, 0.3003, 0.2580** is the 20% darker color. If you saturate the color by 10%, you get **26.4613, 0.2991, 0.2483**, and if you desaturate by 10%, it is **38.7353, 0.3086, 0.3011**.

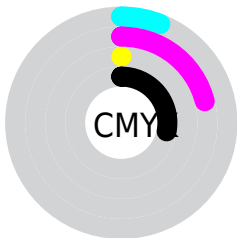
Distribution



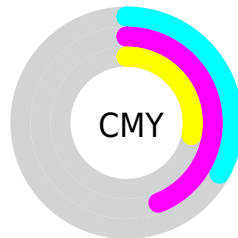
- Red (67%)
- Green (56%)
- Blue (72%)



- Red (67%)
- Yellow (56%)
- Blue (72%)



- Cyan (6%)
- Magenta (21%)
- Yellow (0%)
- Black (28%)





- Cyan (33%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1361, 0.3042, 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 32.1361, 0.3042, 0.2751 by changing the saturation by 10% instead.

 32.1361, 0.3042,
0.2751


 32.1361, 0.3042,
0.2751


311.7388, 0.3091,
0.3026

 21.4655, 0.3028,
0.2681


 63.0244, 0.3061,
0.2852

 13.4647, 0.3008,
0.2589

 84.0108, 0.3068,
0.2890

 7.7493, 0.2979,
0.2466


109.2047, 0.3074,
0.2922

 3.9349, 0.2933,
0.2292

138.9903, 0.3078,
0.2949

 1.6372, 0.2853,
0.2028

173.7522, 0.3082,
0.2972

 0.3825, 0.2768,
0.1330

213.8746, 0.3086,

 0.0000, 0.0000,

0.2993

0.0000

259.7420, 0.3088,
0.3010

■ 32.1361, 0.3042,
0.2751

■ 32.1361, 0.3042,
0.2751

■ 26.4613, 0.2991,
0.2483

■ 38.7353, 0.3086,
0.3011

■ 21.6632, 0.2932,
0.2214

■ 46.2953, 0.3123,
0.3259

■ 17.6961, 0.2866,
0.1956

■ 54.8556, 0.3153,
0.3489

■ 14.5085, 0.2794,
0.1717

■ 64.4523, 0.3178,
0.3702

■ 12.0430, 0.2719,
0.1511

■ 75.1195, 0.3197,
0.3895

■ 10.2339, 0.2643,
0.1345

■ 86.8900, 0.3213,
0.4071

■ 9.0036, 0.2568,
0.1226

■ 88.3802, 0.3244,
0.4074

■ 8.2692, 0.2505,
0.1153

■ 89.1434, 0.3278,
0.4066

■ 89.9312, 0.3311,
0.4058

Harmonies

Analogous

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



32.1361, 0.2698, 0.2668



32.1361, 0.3042, 0.2751



32.1361, 0.3431, 0.2957

Triad

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



32.1361, 0.3042, 0.2751



32.1361, 0.3810, 0.3826



32.1361, 0.2537, 0.3291

Complementary

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



32.1361, 0.3042, 0.2751



42.8639, 0.3194, 0.3856

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.



32.1361, 0.2808, 0.3658



32.1361, 0.3042, 0.2751



32.1361, 0.3543, 0.3971

Square

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



32.1361, 0.3042, 0.2751



32.1361, 0.3889, 0.3556



32.1361, 0.3175, 0.3917



32.1361, 0.2420, 0.2951

Rectangle

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



32.1361, 0.3042, 0.2751



32.1361, 0.3658, 0.3142



32.1361, 0.3175, 0.3917



32.1361, 0.2612, 0.3417

Sweetspot

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



32.1375, 0.3042, 0.2751



76.2016, 0.3106, 0.3142



32.8119, 0.2786, 0.2877



16.6372, 0.3104, 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.



32.1375, 0.3042, 0.2751



52.1471, 0.3017, 0.2615



33.0961, 0.3233, 0.2876



9.0318, 0.3094, 0.3062



5.8027, 0.2513, 0.1158



0.2341, 0.2701, 0.1261

Inverse Universe

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



32.3853, 0.3432, 0.3137



52.7284, 0.3527, 0.3099



42.0900, 0.3036, 0.3743



9.0528, 0.3245, 0.3226



7.2047, 0.5791, 0.2964



0.2650, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 32.1361, 0.3042, 0.2751 looks on a white background.

Color Contrast Check

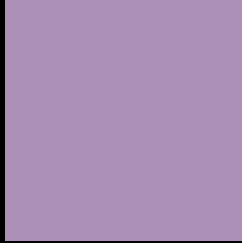
Large Text (above 18pt) WCAG AA × Fail

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 32.1361, 0.3042, 0.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

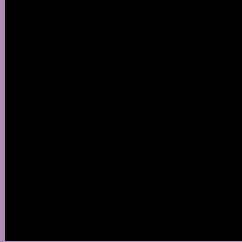
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1361, 0.3042, 0.2751

Background



This preview shows how black text looks on a background with the Yxy color 32.1361, 0.3042, 0.2751.



This preview shows how white text looks on a background with the Yxy color 32.1361, 0.3042, 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

32.1361, 0.3042, 0.2751

Protanopia

32.1503, 0.2745, 0.2750

Deuteranopia

32.1587, 0.2889, 0.2827



Tritanopia

32.0427, 0.3217, 0.3116

Trichromacy



Original Color

32.1361, 0.3042, 0.2751

Protanomaly

32.0513, 0.2847, 0.2746

Deuteranomaly

32.1343, 0.2945, 0.2805

Tritanomaly

32.1296, 0.3151, 0.2990

Monochromacy



Original Color

32.1361, 0.3042, 0.2751

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8910, 0.3097, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1361, 0.3042, 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(172, 144, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 144, 183)  
}
```

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(172, 144, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 144, 183) }
```

Border

The CSS property to change the border of an element to Yxy 32.1361, 0.3042, 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(172, 144, 183) }
```

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

```
.border{ border-color:rgb(172, 144, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 144, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 144, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 144, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 144,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1361, 0.3042, 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(172, 144, 183) }
```

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

```
.background{ background-color: rgb(172,  
144, 183) }
```

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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