

Converting Colors

$Y_{xy}(32.4365, 0.3294, 0.3054)$

Have a look what the booklet for
Yxy(32.4365, 0.3294, 0.3054)
contains.

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Color

Yxy(32.5135, 0.3294, 0.3066)

Conversions

Conversions Part 1

Format	Color
Hex	B192A2
RGB	177, 146, 162
RGB Percent	69%, 57%, 64%
CMY	0.3058, 0.4274, 0.3648
CMYK	0.00, 0.18, 0.09, 0.31
HSL	329°, 17%, 63%
HSV	329°, 18%, 69%
XYZ	34.9313, 32.5135, 38.6005
YIQ	157.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

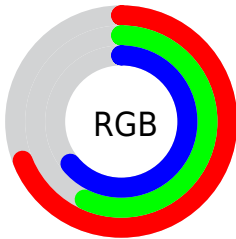
Format	Color
R_{YB}	177, 146, 162
Decimal	11637410
CIE Lab	63.77, 14.33, -4.02
CIE LCh	64, 14.887, 344.320
Yxy	32.5135, 0.3294, 0.3066
Android (android.graphics.Color)	4289827490 (0xFFB192A2)
YUV	157.0930, 2.4192, 17.4584
Hunter-Lab	57.0206, 9.5646, -0.2224

Details

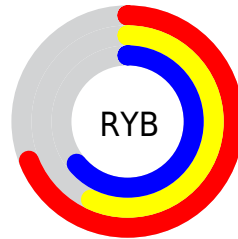
The Yxy color **32.5135, 0.3294, 0.3066** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1355, 0.2988, 0.3525**, and the grayscale version is **33.7458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6419, 0.3260, 0.3107**, and **13.5953, 0.3353, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **27.1783, 0.3416, 0.2931**, and if you desaturate by 10%, it is **38.7174, 0.3192, 0.3197**.

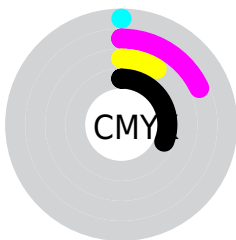
Distribution



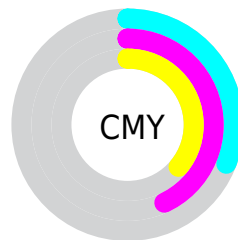
- Red (69%)
- Green (57%)
- Blue (64%)



- Red (69%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5135, 0.3294, 0.3066 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 32.5135, 0.3294, 0.3066 by changing the saturation by 10% instead.

 32.5135, 0.3294,
0.3066


 32.5135, 0.3294,
0.3066


313.4518, 0.3207,
0.3183

 21.7540, 0.3317,
0.3035


 63.6152, 0.3261,
0.3110

 13.6763, 0.3348,
0.2994


 84.7263, 0.3249,
0.3126

 7.8959, 0.3391,
0.2938

110.0566, 0.3239,
0.3139

 4.0284, 0.3454,
0.2856

139.9907, 0.3231,
0.3151

 1.6894, 0.3557,
0.2724

174.9128, 0.3223,
0.3160

 0.4168, 0.3931,
0.2196


215.2075, 0.3217,


 0.0000, 0.0000,


0.3169

0.0000


261.2590, 0.3211,
0.3176

 32.5135, 0.3294,
0.3066


 32.5135, 0.3294,
0.3066

 27.1783, 0.3416,
0.2931


 38.7174, 0.3192,
0.3197


 22.6684, 0.3560,
0.2795

 45.8223, 0.3108,
0.3320


 18.9429, 0.3729,
0.2666

 53.8643, 0.3038,
0.3435

 15.9559, 0.3921,
0.2550

 62.8761, 0.2980,
0.3541

 13.6566, 0.4136,
0.2461

 72.8886, 0.2932,
0.3639

■ 11.9876, 0.4366,
0.2409

■ 83.9318, 0.2892,
0.3729

■ 10.8821, 0.4602,
0.2406

■ 86.1474, 0.2849,
0.3658

■ 10.2387, 0.4833,
0.2453

■ 86.6201, 0.2805,
0.3559

■ 10.1059, 0.4890,
0.2468

■ 87.1166, 0.2762,
0.3462

Harmonies

Analogous

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



32.5135, 0.3056, 0.2940



32.5135, 0.3294, 0.3066



32.5135, 0.3492, 0.3248

Triad

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



32.5135, 0.3294, 0.3066



32.5135, 0.3407, 0.3702



32.5135, 0.2686, 0.3106

Complementary

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



32.5135, 0.3294, 0.3066



40.1355, 0.2988, 0.3525

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.



32.5135, 0.2773, 0.3317



32.5135, 0.3294, 0.3066



32.5135, 0.3185, 0.3674

Square

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



32.5135, 0.3294, 0.3066



32.5135, 0.3557, 0.3614



32.5135, 0.2953, 0.3530



32.5135, 0.2712, 0.2956

Rectangle

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



32.5135, 0.3294, 0.3066



32.5135, 0.3571, 0.3381



32.5135, 0.2953, 0.3530



32.5135, 0.2703, 0.3172

Sweetspot

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



32.5149, 0.3294, 0.3066



72.2743, 0.3170, 0.3227



31.3100, 0.2988, 0.2843



15.4813, 0.3176, 0.3219



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.



32.5149, 0.3294, 0.3066



54.3740, 0.3338, 0.3015



31.9991, 0.3452, 0.3284



8.5759, 0.3209, 0.3173



7.3333, 0.4867, 0.2455



0.2425, 0.4287, 0.2135

Inverse Universe

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



32.5149, 0.3294, 0.3066



54.3740, 0.3338, 0.3015



40.7147, 0.2872, 0.3297



8.5759, 0.3209, 0.3173



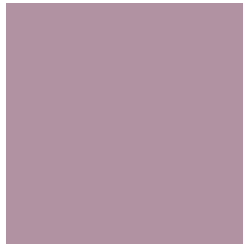
7.3333, 0.4867, 0.2455



0.2425, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 32.5135, 0.3294, 0.3066 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 32.5135, 0.3294, 0.3066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

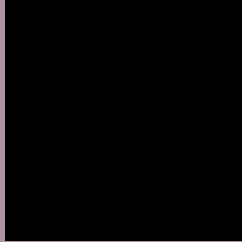
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5135, 0.3294, 0.3066

Background



This preview shows how black text looks on a background with the Yxy color 32.5135, 0.3294, 0.3066.



This preview shows how white text looks on a background with the Yxy color 32.5135, 0.3294, 0.3066.

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

32.5135, 0.3294, 0.3066

Protanopia

32.7712, 0.3010, 0.3096

Deuteranopia

32.6014, 0.3195, 0.3131



Tritanopia

32.5662, 0.3322, 0.3135

Trichromacy



Original Color

32.5135, 0.3294, 0.3066

Protanomaly

32.5312, 0.3107, 0.3085

Deuteranomaly

32.7260, 0.3237, 0.3118

Tritanomaly

32.6007, 0.3312, 0.3121

Monochromacy



Original Color

32.5135, 0.3294, 0.3066

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1782, 0.3181, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5135, 0.3294, 0.3066 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, 146, 162)` looks like.

```
.text, #text, p{  
    color:rgb(177, 146, 162)  
}
```

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, 146, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 146, 162) }
```

Border

The CSS property to change the border of an element to Yxy 32.5135, 0.3294, 0.3066 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, 146, 162) }
```

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

```
.border{ border-color:rgb(177, 146, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 146, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 146, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 146, 162);  
box-shadow:4px 4px 4px 4px rgb(177, 146,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5135, 0.3294, 0.3066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 146, 162) }
```

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

```
.background{ background-color: rgb(177,  
146, 162) }
```

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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