

Converting Colors

$Yxy(32.0829, 0.3143, 0.2474)$

Have a look what the booklet for
Yxy(32.0829, 0.3143, 0.2474)
contains.

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Color

Yxy(32.1358, 0.3145, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	C384C5
RGB	195, 132, 197
RGB Percent	76%, 52%, 77%
CMY	0.2353, 0.4823, 0.2275
CMYK	0.01, 0.33, 0.00, 0.23
HSL	298°, 36%, 65%
HSV	298°, 33%, 77%
XYZ	40.8352, 32.1358, 56.8706
YIQ	158.2470, 16.6830, 33.5710

Conversions

Conversions Part 2

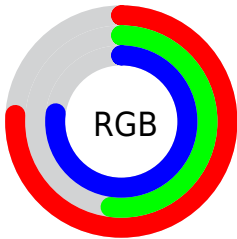
Format	Color
R_{YB}	195, 132, 197
Decimal	12813509
CIE _{Lab}	63.45, 34.81, -24.08
CIE _{LCh}	63, 42.321, 325.328
Yxy	32.1358, 0.3145, 0.2475
Android (android.graphics.Color)	4291003589 (0xFFC384C5)
YUV	158.2470, 19.1052, 32.2324
Hunter-Lab	56.6884, 29.3766, -19.7986

Details

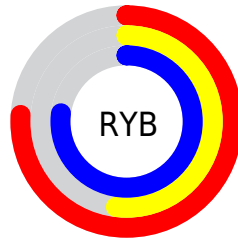
The Yxy color **32.1358, 0.3145, 0.2475** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.6642, 0.3097, 0.4255**, and the grayscale version is **34.2167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9690, 0.3143, 0.2618**, and **13.4435, 0.3132, 0.2250** is the 20% darker color. If you saturate the color by 10%, you get **27.2091, 0.3148, 0.2239**, and if you desaturate by 10%, it is **38.0744, 0.3141, 0.2723**.

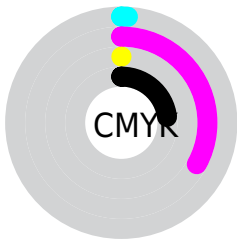
Distribution



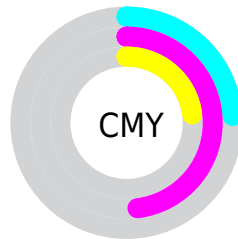
- Red (76%)
- Green (52%)
- Blue (77%)



- Red (76%)
- Yellow (52%)
- Blue (77%)



- Cyan (1%)
- Magenta (33%)
- Yellow (0%)
- Black (23%)





- Cyan (24%)
- Magenta (48%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1358, 0.3145, 0.2475 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 32.1358, 0.3145, 0.2475 by changing the saturation by 10% instead.

 32.1358, 0.3145,
0.2475


 32.1358, 0.3145,
0.2475


311.7374, 0.3146,
0.2879


 21.4652, 0.3141,
0.2376


 63.0239, 0.3148,
0.2620

 13.4645, 0.3135,
0.2251


 84.0103, 0.3148,
0.2675

 7.7492, 0.3122,
0.2087


 109.2040, 0.3148,
0.2722

 3.9349, 0.3098,
0.1864

138.9895, 0.3148,
0.2762

 1.6372, 0.3046,
0.1550

173.7513, 0.3148,
0.2797

 0.3825, 0.2985,
0.0899

213.8735, 0.3147,


 0.0000, 0.1526,


0.2828


0.0000


259.7408, 0.3147,
0.2855


 0.0000, 0.0000,
0.0000

 32.1358, 0.3145,
0.2475

 32.1358, 0.3145,
0.2475


 27.2091, 0.3148,
0.2239


 38.0744, 0.3141,
0.2723


 23.2331, 0.3150,
0.2024


 45.0732, 0.3135,
0.2973


 20.1467, 0.3149,
0.1839


 53.1824, 0.3129,
0.3218

 17.8799, 0.3147,
0.1692


 62.4478, 0.3123,
0.3454

 16.3520, 0.3143,
0.1588

 72.9125, 0.3116,
0.3676

 15.4663, 0.3137,
0.1525

 84.6177, 0.3109,
0.3882

 15.1026, 0.3133,
0.1499

 87.7243, 0.3111,
0.3929

 87.8071, 0.3114,
0.3928

 87.8902, 0.3118,
0.3928

Harmonies

Analogous

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



32.1358, 0.2528, 0.2279



32.1358, 0.3145, 0.2475



32.1358, 0.3826, 0.2841

Triad

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



32.1358, 0.3145, 0.2475



32.1358, 0.4185, 0.4273



32.1358, 0.2052, 0.3080

Complementary

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



32.1358, 0.3145, 0.2475



46.6642, 0.3097, 0.4255

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.



32.1358, 0.2418, 0.3774



32.1358, 0.3145, 0.2475



32.1358, 0.3645, 0.4514

Square

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



32.1358, 0.3145, 0.2475



32.1358, 0.4453, 0.3821



32.1358, 0.2998, 0.4350



32.1358, 0.1953, 0.2557

Rectangle

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



32.1358, 0.3145, 0.2475



32.1358, 0.4196, 0.3149



32.1358, 0.2998, 0.4350



32.1358, 0.2145, 0.3303

Sweetspot

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



32.1372, 0.3145, 0.2475



84.6479, 0.3133, 0.3043



26.0339, 0.2546, 0.2355



17.6923, 0.3134, 0.3008



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



32.1372, 0.3145, 0.2475



50.6749, 0.3148, 0.2294



31.1508, 0.3482, 0.2838



10.7994, 0.3133, 0.3062



9.9412, 0.3134, 0.1500



0.4760, 0.3150, 0.1509

Inverse Universe

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



30.0942, 0.3861, 0.3265



46.4470, 0.4116, 0.3260



47.4567, 0.2881, 0.3794



10.6421, 0.3285, 0.3283



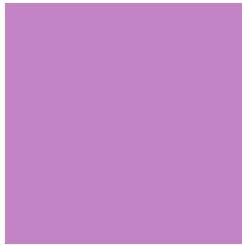
7.8186, 0.6363, 0.3279



0.3721, 0.6232, 0.3207

Previews

White Background



This preview shows how the Yxy color 32.1358, 0.3145, 0.2475 looks on a white background.

Color Contrast Check

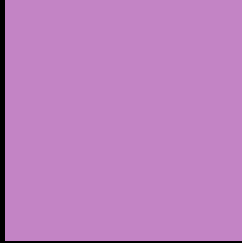
Large Text (above 18pt) WCAG AA × Fail

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 32.1358, 0.3145, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

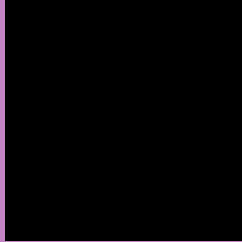
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1358, 0.3145, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 32.1358, 0.3145, 0.2475.



This preview shows how white text looks on a background with the Yxy color 32.1358, 0.3145, 0.2475.

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

32.1358, 0.3145, 0.2475

Protanopia

32.4442, 0.2510, 0.2449

Deuteranopia

32.3730, 0.2748, 0.2688



Tritanopia

32.1356, 0.3536, 0.3141

Trichromacy



Original Color

32.1358, 0.3145, 0.2475



Protanomaly

31.9239, 0.2703, 0.2445



Deuteranomaly

31.9486, 0.2888, 0.2603



Tritanomaly

32.0805, 0.3392, 0.2891

Monochromacy



Original Color

32.1358, 0.3145, 0.2475



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

33.1314, 0.3132, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1358, 0.3145, 0.2475 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(195, 132, 197)` looks like.

```
.text, #text, p{  
    color:rgb(195, 132, 197)  
}
```

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(195, 132, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 132, 197) }
```

Border

The CSS property to change the border of an element to Yxy 32.1358, 0.3145, 0.2475 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(195, 132, 197) }
```

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

```
.border{ border-color:rgb(195, 132, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 132, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 132, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 132, 197); box-shadow:4px 4px 4px 4px rgb(195, 132, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1358, 0.3145, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 132, 197) }
```

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

```
.background{ background-color: rgb(195,  
132, 197) }
```

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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