

Converting Colors

$Yxy(32.1568, 0.3668, 0.3243)$

Have a look what the booklet for
Yxy(32.1568, 0.3668, 0.3243)
contains.

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Color

Yxy(32.1072, 0.3671, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	C18C90
RGB	193, 140, 144
RGB Percent	76%, 55%, 56%
CMY	0.2430, 0.4510, 0.4352
CMYK	0.00, 0.27, 0.25, 0.24
HSL	355°, 30%, 65%
HSV	355°, 27%, 76%
XYZ	36.4120, 32.1072, 30.6690
YIQ	156.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

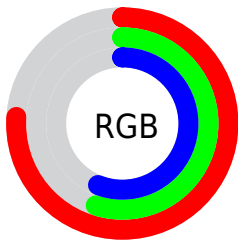
Format	Color
R _Y B	193, 140, 144
Decimal	12684432
CIE Lab	63.43, 20.76, 5.85
CIE LCh	63, 21.570, 15.733
Yxy	32.1072, 0.3671, 0.3237
Android (android.graphics.Color)	4290874512 (0xFFC18C90)
YUV	156.3030, -6.0654, 32.1833
Hunter-Lab	56.6632, 15.5440, 7.5735

Details

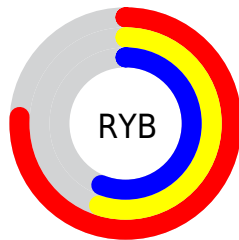
The Yxy color **32.1072, 0.3671, 0.3237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4047, 0.2757, 0.3345**, and the grayscale version is **33.4072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9848, 0.3555, 0.3249**, and **13.3562, 0.3850, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **26.4511, 0.3962, 0.3217**, and if you desaturate by 10%, it is **38.8420, 0.3435, 0.3257**.

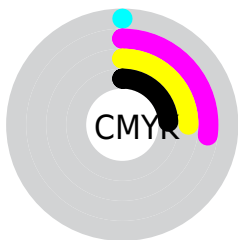
Distribution



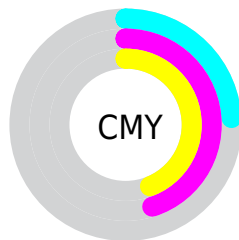
- Red (76%)
- Green (55%)
- Blue (56%)



- Red (76%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1072, 0.3671, 0.3237 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 32.1072, 0.3671, 0.3237 by changing the saturation by 10% instead.


 32.1072, 0.3671,
0.3237


 32.1072, 0.3671,
0.3237

311.6073, 0.3380,
0.3269


 21.4434, 0.3750,
0.3227


 62.9791, 0.3560,
0.3250

 13.4485, 0.3857,
0.3212


 83.9560, 0.3520,
0.3255

 7.7381, 0.4006,
0.3189


 109.1394, 0.3487,
0.3259

 3.9278, 0.4231,
0.3150

138.9136, 0.3459,
0.3262

 1.6333, 0.4606,
0.3075

173.6631, 0.3435,
0.3264

 0.3799, 0.6930,
0.3032


213.7723, 0.3414,


 0.0000, 0.0000,


0.3266


0.0000


259.6256, 0.3396,
0.3268

 32.1072, 0.3671,
0.3237


 32.1072, 0.3671,
0.3237

 26.4511, 0.3962,
0.3217

 38.8420, 0.3435,
0.3257


 21.8134, 0.4315,
0.3200


 46.7028, 0.3244,
0.3276


 18.1350, 0.4727,
0.3188

 55.7393, 0.3092,
0.3294

 15.3487, 0.5178,
0.3184

 65.9972, 0.2969,
0.3311

 13.3784, 0.5628,
0.3195

 77.5195, 0.2869,
0.3326

■ 12.1358, 0.6012,
0.3219

■ 89.8300, 0.2788,
0.3331

■ 11.4952, 0.6274,
0.3253

■ 90.0822, 0.2768,
0.3289

■ 11.3757, 0.6322,
0.3257

Harmonies

Analogous

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



32.1072, 0.3383, 0.2980



32.1072, 0.3671, 0.3237



32.1072, 0.3805, 0.3519

Triad

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



32.1072, 0.3671, 0.3237



32.1072, 0.3189, 0.3853



32.1072, 0.2537, 0.2798

Complementary

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



32.1072, 0.3671, 0.3237



47.4047, 0.2757, 0.3345

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.



32.1072, 0.2493, 0.3002



32.1072, 0.3671, 0.3237



32.1072, 0.2857, 0.3631

Square

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



32.1072, 0.3671, 0.3237



32.1072, 0.3515, 0.3895



32.1072, 0.2607, 0.3309



32.1072, 0.2730, 0.2730

Rectangle

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



32.1072, 0.3671, 0.3237



32.1072, 0.3787, 0.3690



32.1072, 0.2607, 0.3309



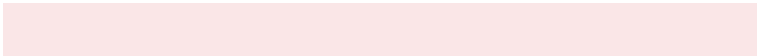
32.1072, 0.2505, 0.2851

Sweetspot

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



32.1087, 0.3671, 0.3237



82.6416, 0.3255, 0.3275



33.3740, 0.3115, 0.2606



17.2466, 0.3282, 0.3272



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



32.1087, 0.3671, 0.3237



51.1459, 0.3840, 0.3225



39.1080, 0.3638, 0.3586



10.0900, 0.3277, 0.3273



7.5678, 0.6306, 0.3248



0.3313, 0.5983, 0.3070

Inverse Universe

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



32.1087, 0.3671, 0.3237



51.1459, 0.3840, 0.3225



38.5265, 0.2700, 0.2973



10.0900, 0.3277, 0.3273



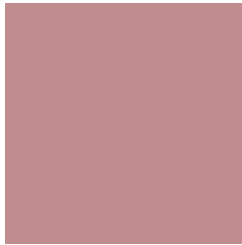
7.5678, 0.6306, 0.3248



0.3313, 0.5983, 0.3070

Previews

White Background



This preview shows how the Yxy color 32.1072, 0.3671, 0.3237 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 32.1072, 0.3671, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

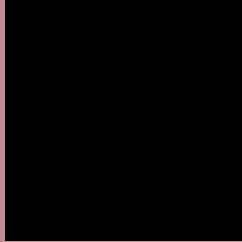
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1072, 0.3671, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 32.1072, 0.3671, 0.3237.



This preview shows how white text looks on a background with the Yxy color 32.1072, 0.3671, 0.3237.

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

32.1072, 0.3671, 0.3237

Protanopia

32.1849, 0.3186, 0.3320

Deuteranopia

32.3321, 0.3449, 0.3393



Tritanopia

32.1366, 0.3618, 0.3144

Trichromacy



Original Color

32.1072, 0.3671, 0.3237

Protanomaly

31.8640, 0.3358, 0.3291

Deuteranomaly

32.2442, 0.3521, 0.3334

Tritanomaly

32.0727, 0.3640, 0.3170

Monochromacy



Original Color

32.1072, 0.3671, 0.3237

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.5147, 0.3304, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1072, 0.3671, 0.3237 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(193, 140, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 140, 144)  
}
```

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(193, 140, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 140, 144) }
```

Border

The CSS property to change the border of an element to Yxy 32.1072, 0.3671, 0.3237 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(193, 140, 144) }
```

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

```
.border{ border-color:rgb(193, 140, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 140, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 140, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 140, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 140,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1072, 0.3671, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 140, 144) }
```

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

```
.background{ background-color: rgb(193,  
140, 144) }
```

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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