

Converting Colors

$Yxy(32.3337, 0.3635, 0.3418)$

Have a look what the booklet for
Yxy(32.3337, 0.3635, 0.3418)
contains.

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Color

Yxy(32.2187, 0.3643, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	B89188
RGB	184, 145, 136
RGB Percent	72%, 57%, 53%
CMY	0.2784, 0.4314, 0.4666
CMYK	0.00, 0.21, 0.26, 0.28
HSL	11°, 25%, 63%
HSV	11°, 26%, 72%
XYZ	34.3396, 32.2187, 27.7036
YIQ	155.6350, 26.1330, 5.4690

Conversions

Conversions Part 2

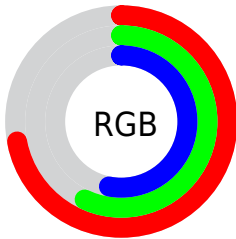
Format	Color
RYB	184, 147, 136
Decimal	12095880
CIELab	63.52, 13.34, 10.38
CIElCh	64, 16.902, 37.874
Yxy	32.2187, 0.3643, 0.3418
Android (android.graphics.Color)	4290285960 (0xFFB89188)
YUV	155.6350, -9.6801, 24.8761
Hunter-Lab	56.7615, 8.6563, 10.7954

Details

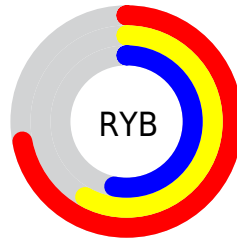
The Yxy color **32.2187, 0.3643, 0.3418** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.3658, 0.2739, 0.3158**, and the grayscale version is **33.1112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2217, 0.3543, 0.3399**, and **13.4231, 0.3825, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **27.4675, 0.3917, 0.3470**, and if you desaturate by 10%, it is **37.6644, 0.3415, 0.3367**.

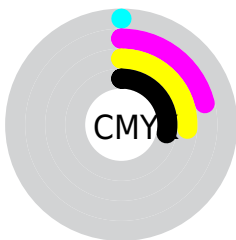
Distribution



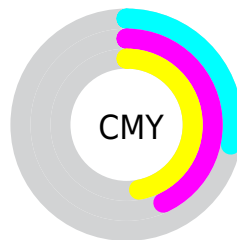
- Red (72%)
- Green (57%)
- Blue (53%)



- Red (72%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (28%)





- Cyan (28%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2187, 0.3643, 0.3418 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 32.2187, 0.3643, 0.3418 by changing the saturation by 10% instead.


 32.2187, 0.3643,
0.3418


 32.2187, 0.3643,
0.3418


312.1143, 0.3367,
0.3355


 21.5286, 0.3718,
0.3433


 63.1538, 0.3538,
0.3396

 13.5109, 0.3819,
0.3451


 84.1676, 0.3500,
0.3387

 7.7813, 0.3961,
0.3474


 109.3913, 0.3469,
0.3380

 3.9553, 0.4174,
0.3503

139.2095, 0.3442,
0.3374

 1.6486, 0.4529,
0.3533

174.0065, 0.3419,
0.3368

 0.3900, 0.6410,
0.3590

214.1667, 0.3399,

 0.0000, 0.0000,

0.3363

0.0000

260.0745, 0.3382,
0.3359

■ 32.2187, 0.3643,
0.3418

■ 32.2187, 0.3643,
0.3418

■ 27.4675, 0.3917,
0.3470

■ 37.6644, 0.3415,
0.3367

■ 23.3784, 0.4241,
0.3519

■ 43.8264, 0.3226,
0.3318

■ 19.9230, 0.4613,
0.3559

■ 50.7312, 0.3070,
0.3273

■ 17.0693, 0.5020,
0.3584

■ 58.4024, 0.2940,
0.3231

■ 14.7821, 0.5435,
0.3582

■ 66.8628, 0.2833,
0.3194

■ 13.0228, 0.5813,
0.3549

■ 76.1340, 0.2743,
0.3159

■ 11.7467, 0.6104,
0.3484

■ 85.5882, 0.2715,
0.3232

■ 11.3630, 0.6199,
0.3460

■ 88.9323, 0.2721,
0.3289

Harmonies

Analogous

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



32.2187, 0.3502, 0.3194



32.2187, 0.3643, 0.3418



32.2187, 0.3638, 0.3622

Triad

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



32.2187, 0.3643, 0.3418



32.2187, 0.2982, 0.3610



32.2187, 0.2765, 0.2850

Complementary

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



32.2187, 0.3643, 0.3418



39.3658, 0.2739, 0.3158

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.



32.2187, 0.2639, 0.2937



32.2187, 0.3643, 0.3418



32.2187, 0.2761, 0.3375

Square

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



32.2187, 0.3643, 0.3418



32.2187, 0.3249, 0.3749



32.2187, 0.2638, 0.3126



32.2187, 0.2989, 0.2875

Rectangle

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



32.2187, 0.3643, 0.3418



32.2187, 0.3553, 0.3718



32.2187, 0.2638, 0.3126



32.2187, 0.2710, 0.2867

Sweetspot

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



32.2202, 0.3643, 0.3418



77.0412, 0.3261, 0.3328



30.9061, 0.3245, 0.2760



16.2377, 0.3289, 0.3335



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.



32.2202, 0.3643, 0.3418



53.5680, 0.3786, 0.3446



40.2765, 0.3563, 0.3740



9.2771, 0.3283, 0.3333



7.9083, 0.6180, 0.3475



0.3616, 0.5713, 0.3845

Inverse Universe

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



39.3658, 0.2739, 0.3158



68.5903, 0.2663, 0.3127



30.8969, 0.2705, 0.2795



9.9169, 0.2985, 0.3246



17.4142, 0.2080, 0.2688



0.6888, 0.2128, 0.2859

Previews

White Background



This preview shows how the Yxy color 32.2187, 0.3643, 0.3418 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 32.2187, 0.3643, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

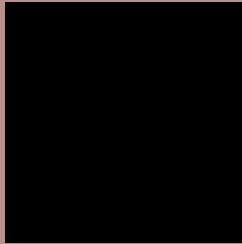
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2187, 0.3643, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 32.2187, 0.3643, 0.3418.



This preview shows how white text looks on a background with the Yxy color 32.2187, 0.3643, 0.3418.

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

32.2187, 0.3643, 0.3418

Protanopia

32.4782, 0.3320, 0.3503

Deuteranopia

32.1592, 0.3556, 0.3480



Tritanopia

32.0850, 0.3490, 0.3139

Trichromacy



Original Color

32.2187, 0.3643, 0.3418

Protanomaly

32.4323, 0.3431, 0.3468

Deuteranomaly

32.2004, 0.3592, 0.3463

Tritanomaly

32.0658, 0.3541, 0.3236

Monochromacy



Original Color

32.2187, 0.3643, 0.3418

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7334, 0.3299, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2187, 0.3643, 0.3418 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(184, 145, 136)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 136)  
}
```

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(184, 145, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.2187, 0.3643, 0.3418 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(184, 145, 136) }
```

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

```
.border{ border-color:rgb(184, 145, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 136);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2187, 0.3643, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 136) }
```

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

```
.background{ background-color: rgb(184,  
145, 136) }
```

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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