

Converting Colors

$Yxy(32.1428, 0.3497, 0.3271)$

Have a look what the booklet for
Yxy(32.1428, 0.3497, 0.3271)
contains.

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Color

Yxy(32.1499, 0.3503, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B59192
RGB	181, 145, 146
RGB Percent	71%, 57%, 57%
CMY	0.2903, 0.4313, 0.4274
CMYK	0.00, 0.20, 0.19, 0.29
HSL	358°, 20%, 64%
HSV	358°, 20%, 71%
XYZ	34.3671, 32.1499, 31.5907
YIQ	155.8780, 21.1350, 7.9430

Conversions

Conversions Part 2

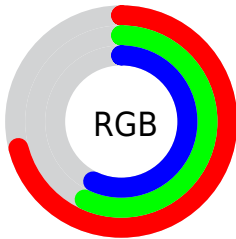
Format	Color
RYB	181, 145, 146
Decimal	11899282
CIELab	63.47, 13.68, 4.61
CIELCh	63, 14.436, 18.618
Yxy	32.1499, 0.3503, 0.3277
Android (android.graphics.Color)	4290089362 (0xFFB59192)
YUV	155.8780, -4.8699, 22.0320
Hunter-Lab	56.7009, 8.9646, 6.6574

Details

The Yxy color $32.1499, 0.3503, 0.3277$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $42.3564, 0.2842, 0.3303$, and the grayscale version is $33.2039, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.0215, 0.3423, 0.3280$, and $13.4391, 0.3634, 0.3252$ is the 20% darker color. If you saturate the color by 10%, you get $26.5472, 0.3764, 0.3270$, and if you desaturate by 10%, it is $38.7209, 0.3293, 0.3284$.

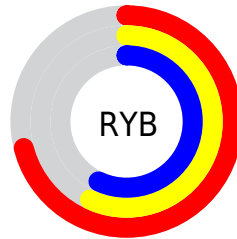
Distribution



Red (71%)

Green (57%)

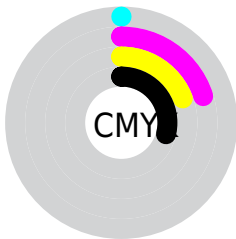
Blue (57%)



Red (71%)

Yellow (57%)

Blue (57%)

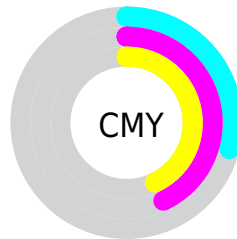


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1499, 0.3503, 0.3277 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 32.1499, 0.3503, 0.3277 by changing the saturation by 10% instead.


 32.1499, 0.3503,
0.3277


 32.1499, 0.3503,
0.3277


311.8015, 0.3302,
0.3286

 21.4760, 0.3558,
0.3274


 63.0460, 0.3427,
0.3281

 13.4724, 0.3631,
0.3269


 84.0370, 0.3399,
0.3282

 7.7546, 0.3735,
0.3260


109.2359, 0.3376,
0.3283

 3.9384, 0.3891,
0.3246

139.0270, 0.3357,
0.3284

 1.6391, 0.4153,
0.3215

173.7947, 0.3340,
0.3285

 0.3838, 0.5931,
0.3257


213.9234, 0.3326,


 0.0000, 0.0000,

0.3285

0.0000


259.7976, 0.3313,
0.3286


 32.1499, 0.3503,
0.3277


 32.1499, 0.3503,
0.3277


 26.5472, 0.3764,
0.3270


 38.7209, 0.3293,
0.3284


 21.8630, 0.4084,
0.3264

 46.2984, 0.3125,
0.3290

 18.0495, 0.4469,
0.3259

 54.9236, 0.2990,
0.3296

 15.0532, 0.4910,
0.3256

 64.6344, 0.2881,
0.3301

 12.8144, 0.5379,
0.3257

 75.4666, 0.2793,
0.3306

■ 11.2652, 0.5820,
0.3264

■ 87.4545, 0.2721,
0.3310

■ 10.3260, 0.6163,
0.3276

■ 88.5617, 0.2706,
0.3289

■ 9.8381, 0.6369,
0.3283

■ 9.8327, 0.6371,
0.3283

Harmonies

Analogous

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



32.1499, 0.3321, 0.3095



32.1499, 0.3503, 0.3277



32.1499, 0.3581, 0.3469

Triad

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



32.1499, 0.3503, 0.3277



32.1499, 0.3150, 0.3650



32.1499, 0.2735, 0.2951

Complementary

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



32.1499, 0.3503, 0.3277



42.3564, 0.2842, 0.3303

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.



32.1499, 0.2694, 0.3085



32.1499, 0.3503, 0.3277



32.1499, 0.2928, 0.3497

Square

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



32.1499, 0.3503, 0.3277



32.1499, 0.3372, 0.3694



32.1499, 0.2763, 0.3286



32.1499, 0.2878, 0.2909

Rectangle

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



32.1499, 0.3503, 0.3277



32.1499, 0.3561, 0.3579



32.1499, 0.2763, 0.3286



32.1499, 0.2709, 0.2986

Sweetspot

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



32.1514, 0.3503, 0.3277



74.2719, 0.3225, 0.3286



33.2670, 0.3138, 0.2803



15.8700, 0.3237, 0.3286



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



32.1514, 0.3503, 0.3277



52.8422, 0.3614, 0.3274



37.6359, 0.3469, 0.3524



8.5089, 0.3283, 0.3284



6.7816, 0.6364, 0.3280



0.2146, 0.6213, 0.3196

Inverse Universe

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



32.1514, 0.3503, 0.3277



52.8422, 0.3614, 0.3274



35.9774, 0.2820, 0.3044



8.5089, 0.3283, 0.3284



6.7816, 0.6364, 0.3280



0.2146, 0.6213, 0.3196

Previews

White Background



This preview shows how the Yxy color 32.1499, 0.3503, 0.3277 looks on a white background.

Color Contrast Check

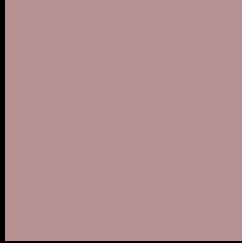
Large Text (above 18pt) WCAG AA × Fail

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 32.1499, 0.3503, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

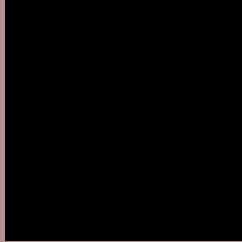
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1499, 0.3503, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 32.1499, 0.3503, 0.3277.



This preview shows how white text looks on a background with the Yxy color 32.1499, 0.3503, 0.3277.

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

32.1499, 0.3503, 0.3277

Protanopia

32.1849, 0.3186, 0.3320

Deuteranopia

32.3099, 0.3407, 0.3349



Tritanopia

32.2582, 0.3422, 0.3137

Trichromacy



Original Color

32.1499, 0.3503, 0.3277

Protanomaly

32.0896, 0.3302, 0.3305

Deuteranomaly

32.3381, 0.3442, 0.3334

Tritanomaly

32.1586, 0.3453, 0.3179

Monochromacy



Original Color

32.1499, 0.3503, 0.3277

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.7228, 0.3259, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1499, 0.3503, 0.3277 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(181, 145, 146)` looks like.

```
.text, #text, p{  
    color:rgb(181, 145, 146)  
}
```

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(181, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 145, 146) }
```

Border

The CSS property to change the border of an element to Yxy 32.1499, 0.3503, 0.3277 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(181, 145, 146) }
```

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

```
.border{ border-color:rgb(181, 145, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 145, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 145, 146);  
box-shadow:4px 4px 4px 4px rgb(181, 145,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1499, 0.3503, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 145, 146) }
```

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

```
.background{ background-color: rgb(181,  
145, 146) }
```

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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