

Converting Colors

$Yxy(31.6934, 0.3559, 0.3334)$

Have a look what the booklet for
Yxy(31.6934, 0.3559, 0.3334)
contains.

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Color

Yxy(31.6934, 0.3559, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	B5908D
RGB	181, 144, 141
RGB Percent	71%, 56%, 55%
CMY	0.2903, 0.4352, 0.4470
CMYK	0.00, 0.20, 0.22, 0.29
HSL	5°, 21%, 63%
HSV	5°, 22%, 71%
XYZ	33.8323, 31.6934, 29.5355
YIQ	154.7210, 23.0150, 6.9110

Conversions

Conversions Part 2

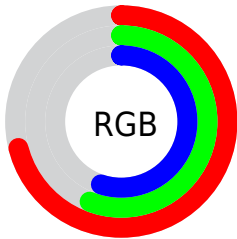
Format	Color
R_{YB}	181, 144, 141
Decimal	11899021
CIE _{Lab}	63.09, 13.45, 6.89
CIE _{LCh}	63, 15.115, 27.131
Yxy	31.6934, 0.3559, 0.3334
Android (android.graphics.Color)	4290089101 (0xFFB5908D)
YUV	154.7210, -6.7645, 23.0467
Hunter-Lab	56.2969, 8.7521, 8.3020

Details

The Yxy color **31.6934, 0.3559, 0.3334** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8237, 0.2801, 0.3246**, and the grayscale version is **32.6715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3328, 0.3464, 0.3324**, and **13.2728, 0.3697, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **26.4996, 0.3830, 0.3355**, and if you desaturate by 10%, it is **37.7295, 0.3339, 0.3313**.

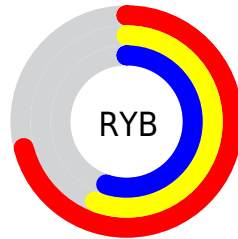
Distribution



Red (71%)

Green (56%)

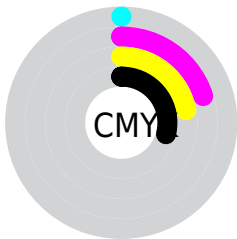
Blue (55%)



Red (71%)

Yellow (56%)

Blue (55%)

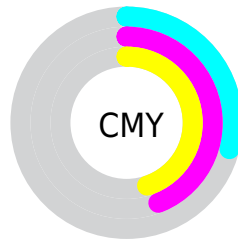


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (44%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.6934, 0.3559, 0.3334 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 31.6934, 0.3559, 0.3334 by changing the saturation by 10% instead.


 31.6934, 0.3559,
0.3334


 31.6934, 0.3559,
0.3334


309.7202, 0.3328,
0.3314


 21.1274, 0.3622,
0.3338


 62.3301, 0.3471,
0.3327

 13.2172, 0.3708,
0.3343


 83.1697, 0.3439,
0.3325

 7.5783, 0.3828,
0.3347


 108.2025, 0.3413,
0.3322

 3.8263, 0.4010,
0.3351

137.8131, 0.3390,
0.3320

 1.5769, 0.4317,
0.3345

172.3857, 0.3371,
0.3318

 0.3419, 0.6565,
0.3435


212.3049, 0.3355,


 0.0000, 0.0000,

0.3317

0.0000


257.9549, 0.3340,
0.3315


 31.6934, 0.3559,
0.3334


 31.6934, 0.3559,
0.3334


 26.4996, 0.3830,
0.3355

 37.7295, 0.3339,
0.3313


 22.1067, 0.4158,
0.3376

 44.6385, 0.3160,
0.3294

 18.4759, 0.4545,
0.3394

 52.4548, 0.3015,
0.3276

 15.5640, 0.4982,
0.3405

 61.2095, 0.2897,
0.3260

 13.3230, 0.5437,
0.3406

 70.9324, 0.2800,
0.3245

■ 11.6994, 0.5857,
0.3392

■ 81.6518, 0.2720,
0.3232

■ 10.6311, 0.6177,
0.3364

■ 88.5603, 0.2706,
0.3289

■ 10.1245, 0.6344,
0.3345

Harmonies

Analogous

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



31.6934, 0.3394, 0.3135



31.6934, 0.3559, 0.3334



31.6934, 0.3603, 0.3530

Triad

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



31.6934, 0.3559, 0.3334



31.6934, 0.3082, 0.3634



31.6934, 0.2748, 0.2910

Complementary

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



31.6934, 0.3559, 0.3334



40.8237, 0.2801, 0.3246

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.



31.6934, 0.2673, 0.3025



31.6934, 0.3559, 0.3334



31.6934, 0.2861, 0.3448

Square

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



31.6934, 0.3559, 0.3334



31.6934, 0.3322, 0.3716



31.6934, 0.2713, 0.3221



31.6934, 0.2923, 0.2896

Rectangle

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



31.6934, 0.3559, 0.3334



31.6934, 0.3558, 0.3634



31.6934, 0.2713, 0.3221



31.6934, 0.2710, 0.2938

Sweetspot

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



31.6949, 0.3559, 0.3334



73.5451, 0.3245, 0.3303



32.0985, 0.3178, 0.2784



15.7406, 0.3256, 0.3305



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.



31.6949, 0.3559, 0.3334



51.6060, 0.3698, 0.3346



38.1704, 0.3502, 0.3606



8.6047, 0.3285, 0.3308



7.0238, 0.6333, 0.3354



0.2548, 0.6070, 0.3562

Inverse Universe

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



40.8237, 0.2801, 0.3246



71.1609, 0.2728, 0.3234



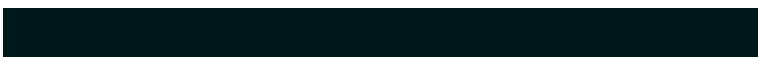
33.5628, 0.2780, 0.2952



9.5198, 0.2986, 0.3272



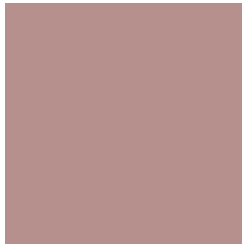
21.4908, 0.2182, 0.3056



0.7084, 0.2202, 0.3126

Previews

White Background



This preview shows how the Yxy color 31.6934, 0.3559, 0.3334 looks on a white background.

Color Contrast Check

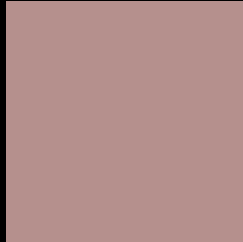
Large Text (above 18pt) WCAG AA × Fail

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 31.6934, 0.3559, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

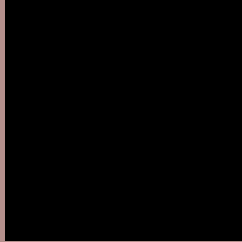
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6934, 0.3559, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 31.6934, 0.3559, 0.3334.



This preview shows how white text looks on a background with the Yxy color 31.6934, 0.3559, 0.3334.

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

31.6934, 0.3559, 0.3334

Protanopia

31.6689, 0.3244, 0.3397

Deuteranopia

31.8439, 0.3461, 0.3408



Tritanopia

31.5910, 0.3447, 0.3137

Trichromacy



Original Color

31.6934, 0.3559, 0.3334

Protanomaly

31.6155, 0.3354, 0.3365

Deuteranomaly

31.8748, 0.3496, 0.3393

Tritanomaly

31.7599, 0.3487, 0.3207

Monochromacy



Original Color

31.6934, 0.3559, 0.3334

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.2277, 0.3270, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6934, 0.3559, 0.3334 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, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(181, 144, 141)  
}
```

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, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 144, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.6934, 0.3559, 0.3334 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, 144, 141) }
```

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

```
.border{ border-color:rgb(181, 144, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(181, 144,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6934, 0.3559, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 144, 141) }
```

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

```
.background{ background-color: rgb(181,  
144, 141) }
```

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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