

Converting Colors

$Yxy(31.5629, 0.3247, 0.3725)$

Have a look what the booklet for
Yxy(31.5629, 0.3247, 0.3725)
contains.

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Color

Yxy(31.6549, 0.3245, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	909D82
RGB	144, 157, 130
RGB Percent	56%, 62%, 51%
CMY	0.4352, 0.3843, 0.4901
CMYK	0.08, 0.00, 0.17, 0.38
HSL	89°, 12%, 56%
HSV	89°, 17%, 62%
XYZ	27.5907, 31.6549, 25.7797
YIQ	150.0350, 0.9190, -11.1530

Conversions

Conversions Part 2

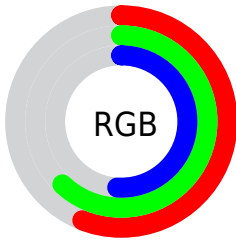
Format	Color
RYB	130, 157, 143
Decimal	9477506
CIELab	63.06, -9.70, 12.58
CIELCh	63, 15.881, 127.636
Yxy	31.6549, 0.3245, 0.3723
Android (android.graphics.Color)	4287667586 (0xFF909D82)
YUV	150.0350, -9.8773, -5.2927
Hunter-Lab	56.2627, -10.9250, 12.2171

Details

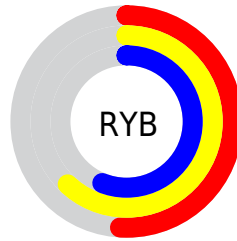
The Yxy color **31.6549, 0.3245, 0.3723** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **24.2427, 0.2992, 0.2856**, and the grayscale version is **30.5593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5116, 0.3223, 0.3638**, and **13.2293, 0.3268, 0.3876** is the 20% darker color. If you saturate the color by 10%, you get **30.6086, 0.3311, 0.3999**, and if you desaturate by 10%, it is **32.8138, 0.3177, 0.3464**.

Distribution



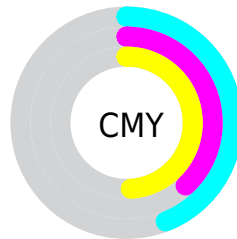
- Red (56%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (56%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6549, 0.3245, 0.3723 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 31.6549, 0.3245, 0.3723 by changing the saturation by 10% instead.


 31.6549, 0.3245,
0.3723


 31.6549, 0.3245,
0.3723


309.5442, 0.3185,
0.3488


 21.0980, 0.3260,
0.3789


 62.2697, 0.3223,
0.3633

 13.1957, 0.3280,
0.3877


 83.0964, 0.3215,
0.3600

 7.5634, 0.3306,
0.4004


 108.1152, 0.3208,
0.3574

 3.8169, 0.3341,
0.4200

137.7105, 0.3202,
0.3551

 1.5717, 0.3411,
0.4570

172.2666, 0.3197,
0.3532

 0.3384, 0.2006,
0.7994

212.1680, 0.3192,

 0.0000, 0.0000,

0.3515

0.0000

257.7991, 0.3188,
0.3501

■ 31.6549, 0.3245,
0.3723

■ 31.6549, 0.3245,
0.3723

■ 30.6086, 0.3311,
0.3999

■ 32.8138, 0.3177,
0.3464

■ 29.6671, 0.3371,
0.4287

■ 34.0847, 0.3108,
0.3225

■ 28.8275, 0.3422,
0.4578

■ 35.4724, 0.3041,
0.3007

■ 28.0856, 0.3459,
0.4860

■ 36.9802, 0.2977,
0.2811

■ 27.4367, 0.3479,
0.5121

■ 38.6111, 0.2916,
0.2634

■ 26.8754, 0.3478,
0.5345

■ 40.3683, 0.2860,
0.2477

■ 26.3959, 0.3455,
0.5522

■ 42.2544, 0.2807,
0.2336

■ 25.9892, 0.3413,
0.5649

■ 44.2328, 0.2762,
0.2216

■ 25.8835, 0.3401,
0.5682

■ 45.3291, 0.2822,
0.2234

Harmonies

Analogous

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



31.6549, 0.3473, 0.3722



31.6549, 0.3245, 0.3723



31.6549, 0.2992, 0.3593

Triad

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



31.6549, 0.3245, 0.3723



31.6549, 0.2664, 0.2958



31.6549, 0.3480, 0.3198

Complementary

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



31.6549, 0.3245, 0.3723



24.2427, 0.2992, 0.2856

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.



31.6549, 0.3250, 0.3013



31.6549, 0.3245, 0.3723



31.6549, 0.2783, 0.2874

Square

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



31.6549, 0.3245, 0.3723



31.6549, 0.2664, 0.3138



31.6549, 0.2995, 0.2896



31.6549, 0.3614, 0.3410

Rectangle

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



31.6549, 0.3245, 0.3723



31.6549, 0.2844, 0.3452



31.6549, 0.2995, 0.2896



31.6549, 0.3411, 0.3131

Sweetspot

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



31.6563, 0.3245, 0.3723



59.2266, 0.3162, 0.3412



28.3072, 0.3414, 0.3489



13.0009, 0.3167, 0.3428



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.6563, 0.3245, 0.3723



55.8799, 0.3273, 0.3838



30.5439, 0.3115, 0.3741



7.5618, 0.3191, 0.3516



21.0449, 0.3406, 0.5678



0.4014, 0.3715, 0.5433

Inverse Universe

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



24.2427, 0.2992, 0.2856



39.8223, 0.2953, 0.2741



25.4812, 0.3137, 0.2875



6.5839, 0.3059, 0.3064



3.2313, 0.2007, 0.0879



0.0828, 0.2462, 0.1130

Previews

White Background



This preview shows how the Yxy color 31.6549, 0.3245, 0.3723 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 31.6549, 0.3245, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

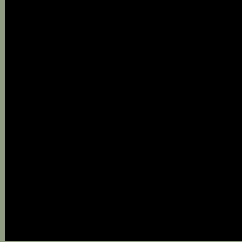
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

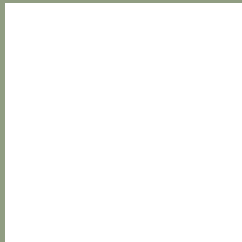
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.6549, 0.3245, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 31.6549, 0.3245, 0.3723.



This preview shows how white text looks on a background with the Yxy color 31.6549, 0.3245, 0.3723.

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

31.6549, 0.3245, 0.3723

Protanopia

31.5921, 0.3453, 0.3658

Deuteranopia

31.5321, 0.3569, 0.3511



Tritanopia

31.5264, 0.2989, 0.3107

Trichromacy



Original Color

31.6549, 0.3245, 0.3723

Protanomaly

31.6647, 0.3374, 0.3680

Deuteranomaly

31.5584, 0.3448, 0.3595

Tritanomaly

31.5812, 0.3076, 0.3321

Monochromacy



Original Color

31.6549, 0.3245, 0.3723

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.0615, 0.3170, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6549, 0.3245, 0.3723 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(144, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 130)  
}
```

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(144, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 130) }
```

Border

The CSS property to change the border of an element to Yxy 31.6549, 0.3245, 0.3723 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(144, 157, 130) }
```

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

```
.border{ border-color:rgb(144, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6549, 0.3245, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 130) }
```

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

```
.background{ background-color: rgb(144,  
157, 130) }
```

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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