

Converting Colors

Yxy(31.1327, 0.3575, 0.3493)

Have a look what the booklet for
Yxy(31.1327, 0.3575, 0.3493)
contains.

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Color

Yxy(31.2224, 0.3572, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	AE9284
RGB	174, 146, 132
RGB Percent	68%, 57%, 52%
CMY	0.3176, 0.4274, 0.4822
CMYK	0.00, 0.16, 0.24, 0.32
HSL	20°, 21%, 60%
HSV	20°, 24%, 68%
XYZ	31.9011, 31.2224, 26.1854
YIQ	152.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

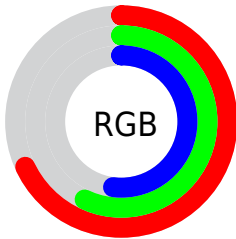
Format	Color
RYB	174, 153, 132
Decimal	11440772
CIELab	62.69, 8.27, 11.31
CIELCh	63, 14.011, 53.803
Yxy	31.2224, 0.3572, 0.3496
Android (android.graphics.Color)	4289630852 (0xFFAE9284)
YUV	152.7760, -10.2426, 18.6134
Hunter-Lab	55.8770, 4.1240, 11.3291

Details

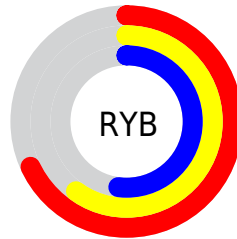
The Yxy color **31.2224, 0.3572, 0.3496** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1163, 0.2760, 0.3074**, and the grayscale version is **31.7928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6343, 0.3482, 0.3459**, and **13.0552, 0.3717, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **27.3873, 0.3812, 0.3587**, and if you desaturate by 10%, it is **35.5033, 0.3366, 0.3407**.

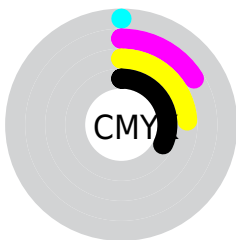
Distribution



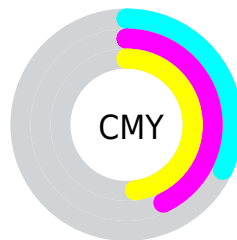
- Red (68%)
- Green (57%)
- Blue (52%)



- Red (68%)
- Yellow (60%)
- Blue (52%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (32%)





- Cyan (32%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2224, 0.3572, 0.3496 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 31.2224, 0.3572, 0.3496 by changing the saturation by 10% instead.

 31.2224, 0.3572,
0.3496


 31.2224, 0.3572,
0.3496


307.5616, 0.3333,
0.3390


 20.7683, 0.3638,
0.3523


 61.5900, 0.3481,
0.3457

 12.9547, 0.3725,
0.3559


 82.2723, 0.3448,
0.3442

 7.3974, 0.3849,
0.3606


 107.1328, 0.3421,
0.3430

 3.7118, 0.4037,
0.3673

136.5559, 0.3398,
0.3420

 1.5137, 0.4367,
0.3784

170.9259, 0.3378,
0.3411

 0.2983, 0.6194,
0.3806

210.6272, 0.3361,

 0.0000, 0.0000,

0.3403

0.0000

256.0443, 0.3346,
0.3396

■ 31.2224, 0.3572,
0.3496

■ 31.2224, 0.3572,
0.3496

■ 27.3873, 0.3812,
0.3587

■ 35.5033, 0.3366,
0.3407

■ 23.9789, 0.4089,
0.3675

■ 40.2396, 0.3191,
0.3323

■ 20.9830, 0.4401,
0.3754

■ 45.4462, 0.3043,
0.3245

■ 18.3832, 0.4741,
0.3814

■ 51.1359, 0.2917,
0.3172

■ 16.1615, 0.5093,
0.3843

■ 57.3208, 0.2810,
0.3106

■ 14.2985, 0.5429,
0.3830

■ 64.0129, 0.2718,
0.3046

■ 12.7726, 0.5719,
0.3768

■ 71.2236, 0.2640,
0.2991

■ 12.0169, 0.5871,
0.3720

■ 77.8739, 0.2650,
0.3111

■ 84.8857, 0.2665,
0.3239

Harmonies

Analogous

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



31.2224, 0.3517, 0.3311



31.2224, 0.3572, 0.3496



31.2224, 0.3503, 0.3636

Triad

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



31.2224, 0.3572, 0.3496



31.2224, 0.2899, 0.3459



31.2224, 0.2915, 0.2919

Complementary

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



31.2224, 0.3572, 0.3496



33.1163, 0.2760, 0.3074

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.



31.2224, 0.2760, 0.2943



31.2224, 0.3572, 0.3496



31.2224, 0.2751, 0.3249

Square

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



31.2224, 0.3572, 0.3496



31.2224, 0.3111, 0.3623



31.2224, 0.2702, 0.3061



31.2224, 0.3131, 0.2986

Rectangle

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



31.2224, 0.3572, 0.3496



31.2224, 0.3398, 0.3682



31.2224, 0.2702, 0.3061



31.2224, 0.2854, 0.2916

Sweetspot

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



31.2238, 0.3572, 0.3496



70.3212, 0.3241, 0.3348



28.0726, 0.3294, 0.2879



15.5172, 0.3251, 0.3353



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.2238, 0.3572, 0.3496



52.7852, 0.3697, 0.3545



38.0499, 0.3507, 0.3779



8.4347, 0.3278, 0.3366



8.8149, 0.5851, 0.3736



0.3474, 0.5264, 0.4203

Inverse Universe

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



33.1163, 0.2760, 0.3074



56.8171, 0.2679, 0.3019



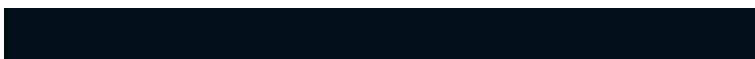
26.6399, 0.2734, 0.2748



8.6160, 0.2986, 0.3213



11.4020, 0.1940, 0.2182



0.4122, 0.2044, 0.2557

Previews

White Background



This preview shows how the Yxy color 31.2224, 0.3572, 0.3496 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 31.2224, 0.3572, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

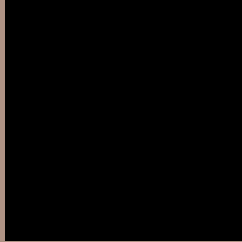
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2224, 0.3572, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 31.2224, 0.3572, 0.3496.



This preview shows how white text looks on a background with the Yxy color 31.2224, 0.3572, 0.3496.

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

31.2224, 0.3572, 0.3496

Protanopia

31.1516, 0.3354, 0.3537

Deuteranopia

31.2224, 0.3572, 0.3496



Tritanopia

31.3251, 0.3380, 0.3134

Trichromacy



Original Color

31.2224, 0.3572, 0.3496

Protanomaly

31.1086, 0.3433, 0.3518

Deuteranomaly

31.2224, 0.3572, 0.3496

Tritanomaly

31.2519, 0.3452, 0.3262

Monochromacy



Original Color

31.2224, 0.3572, 0.3496

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4341, 0.3289, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2224, 0.3572, 0.3496 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(174, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 146, 132)  
}
```

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(174, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 146, 132) }
```

Border

The CSS property to change the border of an element to Yxy 31.2224, 0.3572, 0.3496 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(174, 146, 132) }
```

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

```
.border{ border-color:rgb(174, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 146,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2224, 0.3572, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 146, 132) }
```

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

```
.background{ background-color: rgb(174,  
146, 132) }
```

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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