

Converting Colors

$Yxy(31.2249, 0.3681, 0.3574)$

Have a look what the booklet for
Yxy(31.2249, 0.3681, 0.3574)
contains.

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Color

Yxy(31.2221, 0.3684, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	B2917E
RGB	178, 145, 126
RGB Percent	70%, 57%, 49%
CMY	0.3021, 0.4313, 0.5059
CMYK	0.00, 0.19, 0.29, 0.30
HSL	22°, 25%, 60%
HSV	22°, 29%, 70%
XYZ	32.2462, 31.2221, 24.0621
YIQ	152.7010, 25.7670, 1.0870

Conversions

Conversions Part 2

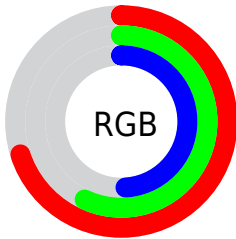
Format	Color
RYB	178, 156, 126
Decimal	11702654
CIELab	62.69, 9.52, 14.76
CIELCh	63, 17.569, 57.173
Yxy	31.2221, 0.3684, 0.3567
Android (android.graphics.Color)	4289892734 (0xFFB2917E)
YUV	152.7010, -13.1636, 22.1872
Hunter-Lab	55.8767, 5.2272, 13.5818

Details

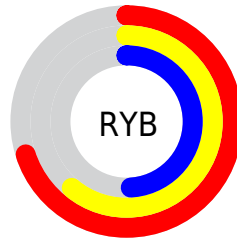
The Yxy color **31.2221, 0.3684, 0.3567** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4266, 0.2680, 0.2995**, and the grayscale version is **31.7679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5939, 0.3564, 0.3513**, and **13.0053, 0.3865, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **27.5249, 0.3937, 0.3666**, and if you desaturate by 10%, it is **35.3465, 0.3465, 0.3468**.

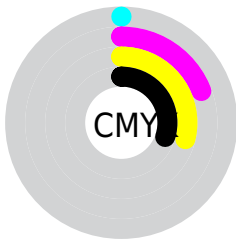
Distribution



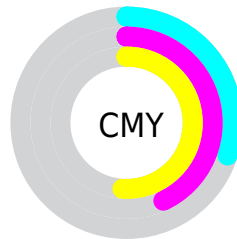
- Red (70%)
- Green (57%)
- Blue (49%)



- Red (70%)
- Yellow (61%)
- Blue (49%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (30%)





- Cyan (30%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2221, 0.3684, 0.3567 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 31.2221, 0.3684, 0.3567 by changing the saturation by 10% instead.


 31.2221, 0.3684,
0.3567


 31.2221, 0.3684,
0.3567


307.5602, 0.3385,
0.3425


 20.7680, 0.3766,
0.3603


 61.5896, 0.3570,
0.3515

 12.9545, 0.3875,
0.3649


 82.2718, 0.3529,
0.3495

 7.3973, 0.4029,
0.3710

 107.1321, 0.3495,
0.3479

 3.7118, 0.4258,
0.3792

136.5551, 0.3466,
0.3465

 1.5137, 0.4719,
0.3974

170.9249, 0.3441,
0.3453

 0.2983, 0.6337,
0.3663

210.6262, 0.3420,

 0.0000, 0.0000,

0.3443

0.0000

256.0431, 0.3401,
0.3433

■ 31.2221, 0.3684,
0.3567

■ 31.2221, 0.3684,
0.3567

■ 27.5249, 0.3937,
0.3666

■ 35.3465, 0.3465,
0.3468

■ 24.2362, 0.4224,
0.3759

■ 39.9073, 0.3276,
0.3373

■ 21.3424, 0.4540,
0.3838

■ 44.9188, 0.3115,
0.3283

■ 18.8273, 0.4874,
0.3891

■ 50.3934, 0.2978,
0.3200

■ 16.6733, 0.5206,
0.3905

■ 56.3429, 0.2861,
0.3124

■ 14.8613, 0.5509,
0.3871

■ 62.7788, 0.2761,
0.3054

■ 13.3648, 0.5766,
0.3794

■ 69.7120, 0.2674,
0.2990

■ 13.2580, 0.5786,
0.3788

■ 76.2619, 0.2666,
0.3071

■ 82.9399, 0.2680,
0.3197

Harmonies

Analogous

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



31.2221, 0.3633, 0.3339



31.2221, 0.3684, 0.3567



31.2221, 0.3579, 0.3736

Triad

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



31.2221, 0.3684, 0.3567



31.2221, 0.2816, 0.3474



31.2221, 0.2888, 0.2833

Complementary

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



31.2221, 0.3684, 0.3567



32.4266, 0.2680, 0.2995

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.



31.2221, 0.2686, 0.2848



31.2221, 0.3684, 0.3567



31.2221, 0.2645, 0.3206

Square

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



31.2221, 0.3684, 0.3567



31.2221, 0.3072, 0.3694



31.2221, 0.2599, 0.2979



31.2221, 0.3163, 0.2929

Rectangle

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



31.2221, 0.3684, 0.3567



31.2221, 0.3437, 0.3788



31.2221, 0.2599, 0.2979



31.2221, 0.2810, 0.2825

Sweetspot

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



31.2235, 0.3684, 0.3567



72.4391, 0.3275, 0.3372



26.9115, 0.3358, 0.2812



15.7731, 0.3301, 0.3386



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.



31.2235, 0.3684, 0.3567



52.2611, 0.3842, 0.3631



39.7833, 0.3588, 0.3908



8.9977, 0.3278, 0.3374



9.6003, 0.5766, 0.3804



0.4157, 0.5233, 0.4227

Inverse Universe

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



32.4266, 0.2680, 0.2995



54.7862, 0.2584, 0.2919



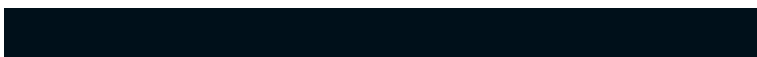
24.6399, 0.2637, 0.2585



9.0981, 0.2986, 0.3205



10.8500, 0.1907, 0.2064



0.4479, 0.2013, 0.2445

Previews

White Background



This preview shows how the Yxy color 31.2221, 0.3684, 0.3567 looks on a white background.

Color Contrast Check

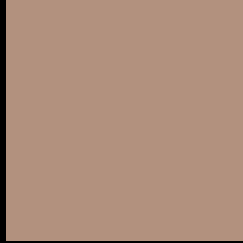
Large Text (above 18pt) WCAG AA × Fail

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 31.2221, 0.3684, 0.3567 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 31.2221, 0.3684, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 31.2221, 0.3684, 0.3567.



This preview shows how white text looks on a background with the Yxy color 31.2221, 0.3684, 0.3567.

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

31.2221, 0.3684, 0.3567

Protanopia

31.1918, 0.3435, 0.3629

Deuteranopia

31.2942, 0.3658, 0.3583



Tritanopia

31.1405, 0.3449, 0.3136

Trichromacy



Original Color

31.2221, 0.3684, 0.3567

Protanomaly

31.2689, 0.3527, 0.3607

Deuteranomaly

31.4112, 0.3669, 0.3582

Tritanomaly

31.0325, 0.3533, 0.3277

Monochromacy



Original Color

31.2221, 0.3684, 0.3567

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4772, 0.3319, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2221, 0.3684, 0.3567 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(178, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(178, 145, 126)  
}
```

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(178, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 145, 126) }
```

Border

The CSS property to change the border of an element to Yxy 31.2221, 0.3684, 0.3567 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(178, 145, 126) }
```

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

```
.border{ border-color:rgb(178, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(178, 145,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2221, 0.3684, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 145, 126) }
```

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

```
.background{ background-color: rgb(178,  
145, 126) }
```

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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