

Converting Colors

$Yxy(30.6339, 0.3476, 0.3547)$

Have a look what the booklet for
Yxy(30.6339, 0.3476, 0.3547)
contains.

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Color

Yxy(30.8178, 0.3478, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	A59483
RGB	165, 148, 131
RGB Percent	65%, 58%, 51%
CMY	0.3528, 0.4196, 0.4862
CMYK	0.00, 0.10, 0.21, 0.35
HSL	30°, 16%, 58%
HSV	30°, 21%, 65%
XYZ	30.2098, 30.8178, 25.8321
YIQ	151.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

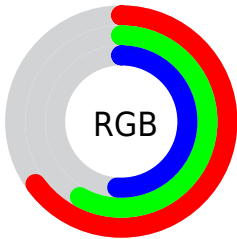
Format	Color
RYB	165, 165, 131
Decimal	10851459
CIELab	62.35, 3.49, 11.28
CIElCh	62, 11.809, 72.793
Yxy	30.8178, 0.3478, 0.3548
Android (android.graphics.Color)	4289041539 (0xFFA59483)
YUV	151.1450, -9.9315, 12.1508
Hunter-Lab	55.5138, -0.0120, 11.2704

Details

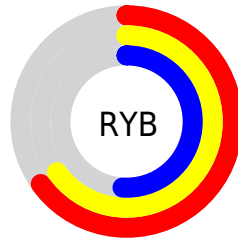
The Yxy color **30.8178, 0.3478, 0.3548** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.7415, 0.2809, 0.3018**, and the grayscale version is **31.0536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9174, 0.3404, 0.3497**, and **12.6693, 0.3598, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **27.9051, 0.3684, 0.3680**, and if you desaturate by 10%, it is **33.9898, 0.3296, 0.3419**.

Distribution



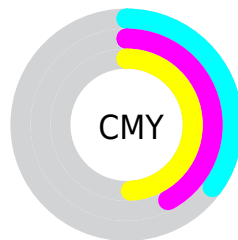
- Red (65%)
- Green (58%)
- Blue (51%)



- Red (65%)
- Yellow (65%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (21%)
- Black (35%)





- Cyan (35%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8178, 0.3478, 0.3548 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 30.8178, 0.3478, 0.3548 by changing the saturation by 10% instead.

 30.8178, 0.3478,
0.3548


 30.8178, 0.3478,
0.3548


305.6980, 0.3290,
0.3412


 20.4601, 0.3530,
0.3584


 60.9531, 0.3406,
0.3497

 12.7300, 0.3599,
0.3633


 81.4995, 0.3380,
0.3478

 7.2429, 0.3696,
0.3700


 106.2110, 0.3359,
0.3462

 3.6144, 0.3843,
0.3798

135.4720, 0.3341,
0.3449

 1.4603, 0.4114,
0.3978

169.6667, 0.3325,
0.3438

 0.2605, 0.5610,
0.4390

209.1797, 0.3312,

 0.0000, 0.0000,

0.3428

0.0000

254.3954, 0.3300,
0.3419

■ 30.8178, 0.3478,
0.3548

■ 30.8178, 0.3478,
0.3548

■ 27.9051, 0.3684,
0.3680

■ 33.9898, 0.3296,
0.3419

■ 25.2404, 0.3913,
0.3812

■ 37.4239, 0.3136,
0.3297

■ 22.8174, 0.4164,
0.3936

■ 41.1280, 0.2997,
0.3183

■ 20.6282, 0.4430,
0.4043

■ 45.1084, 0.2875,
0.3078

■ 18.6638, 0.4701,
0.4122

■ 49.3712, 0.2769,
0.2980

■ 16.9151, 0.4964,
0.4159

■ 53.9224, 0.2676,
0.2891

■ 15.3713, 0.5201,
0.4146

■ 58.7675, 0.2595,
0.2810

■ 14.0923, 0.5398,
0.4096

■ 63.3834, 0.2564,
0.2819

■ 67.6785, 0.2578,
0.2917

Harmonies

Analogous

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



30.8178, 0.3498, 0.3411



30.8178, 0.3478, 0.3548



30.8178, 0.3362, 0.3621

Triad

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



30.8178, 0.3478, 0.3548



30.8178, 0.2846, 0.3322



30.8178, 0.3061, 0.3001

Complementary

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



30.8178, 0.3478, 0.3548



28.7415, 0.2809, 0.3018

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.



30.8178, 0.2891, 0.2972



30.8178, 0.3478, 0.3548



30.8178, 0.2770, 0.3151

Square

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



30.8178, 0.3478, 0.3548



30.8178, 0.2996, 0.3491



30.8178, 0.2786, 0.3025



30.8178, 0.3253, 0.3101

Rectangle

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



30.8178, 0.3478, 0.3548



30.8178, 0.3248, 0.3619



30.8178, 0.2786, 0.3025



30.8178, 0.2999, 0.2983

Sweetspot

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



30.8192, 0.3478, 0.3548



63.5553, 0.3221, 0.3363



26.3954, 0.3327, 0.3025



13.8136, 0.3231, 0.3371



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



30.8192, 0.3478, 0.3548



52.5865, 0.3574, 0.3612



36.3616, 0.3432, 0.3784



7.6426, 0.3273, 0.3402



10.7559, 0.5382, 0.4108



0.3205, 0.4852, 0.4530

Inverse Universe

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



28.7415, 0.2809, 0.3018



48.1491, 0.2732, 0.2945



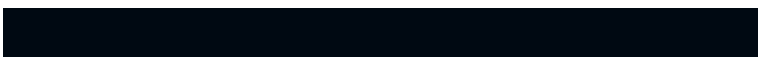
23.9321, 0.2791, 0.2743



7.4188, 0.2987, 0.3175



6.7959, 0.1781, 0.1612



0.2373, 0.1965, 0.2275

Previews

White Background



This preview shows how the Yxy color 30.8178, 0.3478, 0.3548 looks on a white background.

Color Contrast Check

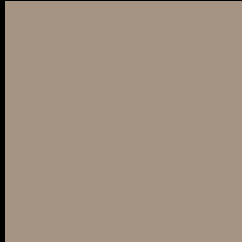
Large Text (above 18pt) WCAG AA × Fail

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 30.8178, 0.3478, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

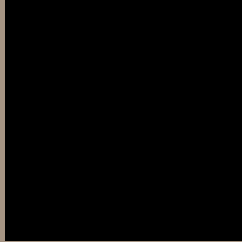
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

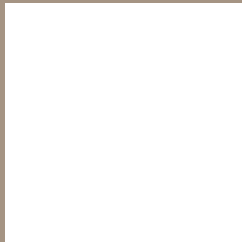
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.8178, 0.3478, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 30.8178, 0.3478, 0.3548.



This preview shows how white text looks on a background with the Yxy color 30.8178, 0.3478, 0.3548.

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

30.8178, 0.3478, 0.3548

Protanopia

30.7477, 0.3386, 0.3569

Deuteranopia

30.6874, 0.3553, 0.3483



Tritanopia

30.6716, 0.3262, 0.3115

Trichromacy



Original Color

30.8178, 0.3478, 0.3548

Protanomaly

30.7379, 0.3421, 0.3551

Deuteranomaly

30.6587, 0.3517, 0.3500

Tritanomaly

30.5729, 0.3342, 0.3261

Monochromacy



Original Color

30.8178, 0.3478, 0.3548

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8942, 0.3247, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8178, 0.3478, 0.3548 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(165, 148, 131)` looks like.

```
.text, #text, p{  
  color:rgb(165, 148, 131)  
}
```

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(165, 148, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 148, 131) }
```

Border

The CSS property to change the border of an element to Yxy 30.8178, 0.3478, 0.3548 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(165, 148, 131) }
```

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

```
.border{ border-color:rgb(165, 148, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 148, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 148, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 148, 131); box-shadow:4px 4px 4px 4px rgb(165, 148, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8178, 0.3478, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 148, 131) }
```

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

```
.background{ background-color: rgb(165,  
148, 131) }
```

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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