

Converting Colors

$Yxy(30.5718, 0.3666, 0.3679)$

Have a look what the booklet for
Yxy(30.5718, 0.3666, 0.3679)
contains.

Yxy(30.5718, 0.3666, 0.3679)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.5718, 0.3666, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	AB9278
RGB	171, 146, 120
RGB Percent	67%, 57%, 47%
CMY	0.3294, 0.4274, 0.5294
CMYK	0.00, 0.15, 0.30, 0.33
HSL	31°, 23%, 57%
HSV	31°, 30%, 67%
XYZ	30.4638, 30.5718, 22.0626
YIQ	150.5110, 23.2460, -2.7860

Conversions

Conversions Part 2

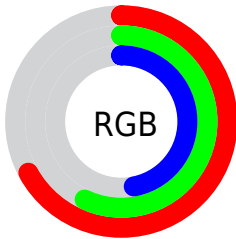
Format	Color
RYB	169, 171, 120
Decimal	11244152
CIELab	62.14, 5.35, 17.26
CIELCh	62, 18.071, 72.786
Yxy	30.5718, 0.3666, 0.3679
Android (android.graphics.Color)	4289434232 (0xFFAB9278)
YUV	150.5110, -15.0419, 17.9689
Hunter-Lab	55.2918, 1.5865, 15.0463

Details

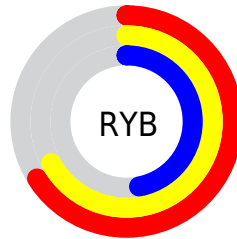
The Yxy color **30.5718, 0.3666, 0.3679** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **27.1819, 0.2659, 0.2866**, and the grayscale version is **30.7863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.6180, 0.3559, 0.3609**, and **12.6722, 0.3853, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **27.7044, 0.3892, 0.3814**, and if you desaturate by 10%, it is **33.7056, 0.3463, 0.3544**.

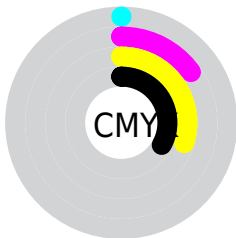
Distribution



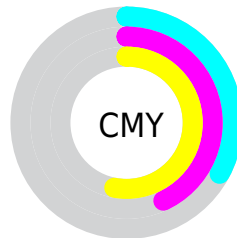
- Red (67%)
- Green (57%)
- Blue (47%)



- Red (66%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (33%)





- Cyan (33%)
- Magenta (43%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5718, 0.3666, 0.3679 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 30.5718, 0.3666, 0.3679 by changing the saturation by 10% instead.


 30.5718, 0.3666,
0.3679

 30.5718, 0.3666,
0.3679

304.5607, 0.3377,
0.3475


 20.2730, 0.3745,
0.3732

 60.5653, 0.3556,
0.3603

 12.5936, 0.3850,
0.3802


 81.0288, 0.3516,
0.3575

 7.1493, 0.3997,
0.3896


 105.6492, 0.3483,
0.3552

 3.5557, 0.4214,
0.4027

134.8111, 0.3455,
0.3532

 1.4283, 0.4783,
0.4421

168.8988, 0.3431,
0.3515

 0.2374, 0.6001,
0.3999

208.2967, 0.3411,

 0.0000, 0.0000,

0.3500

0.0000

253.3892, 0.3393,
0.3487

■ 30.5718, 0.3666,
0.3679

■ 30.5718, 0.3666,
0.3679

■ 27.7044, 0.3892,
0.3814

■ 33.7056, 0.3463,
0.3544

■ 25.0913, 0.4139,
0.3942

■ 37.1091, 0.3283,
0.3412

■ 22.7253, 0.4402,
0.4053

■ 40.7909, 0.3125,
0.3288

■ 20.5973, 0.4669,
0.4136

■ 44.7581, 0.2986,
0.3172

■ 18.6974, 0.4928,
0.4179

■ 49.0171, 0.2865,
0.3064

■ 17.0146, 0.5162,
0.4171

■ 53.5744, 0.2760,
0.2965

■ 15.5303, 0.5366,
0.4119

■ 58.4361, 0.2668,
0.2875

■ 15.5063, 0.5370,
0.4118

■ 63.4920, 0.2596,
0.2810

■ 67.8190, 0.2609,
0.2909

Harmonies

Analogous

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



30.5718, 0.3700, 0.3467



30.5718, 0.3666, 0.3679



30.5718, 0.3484, 0.3799

Triad

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



30.5718, 0.3666, 0.3679



30.5718, 0.2699, 0.3336



30.5718, 0.3022, 0.2856

Complementary

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



30.5718, 0.3666, 0.3679



27.1819, 0.2659, 0.2866

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.



30.5718, 0.2767, 0.2810



30.5718, 0.3666, 0.3679



30.5718, 0.2587, 0.3070

Square

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



30.5718, 0.3666, 0.3679



30.5718, 0.2924, 0.3602



30.5718, 0.2611, 0.2883



30.5718, 0.3318, 0.3005

Rectangle

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



30.5718, 0.3666, 0.3679



30.5718, 0.3307, 0.3802



30.5718, 0.2611, 0.2883



30.5718, 0.2929, 0.2828

Sweetspot

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



30.5732, 0.3666, 0.3679



66.8839, 0.3272, 0.3404



24.1497, 0.3455, 0.2911



14.7145, 0.3296, 0.3422



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.5732, 0.3666, 0.3679



51.2051, 0.3818, 0.3771



39.1411, 0.3568, 0.4019



8.6651, 0.3274, 0.3406



11.7948, 0.5355, 0.4130



0.4374, 0.4916, 0.4478

Inverse Universe

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



27.1819, 0.2659, 0.2866



44.1142, 0.2549, 0.2751



20.3647, 0.2613, 0.2439



8.3810, 0.2986, 0.3171



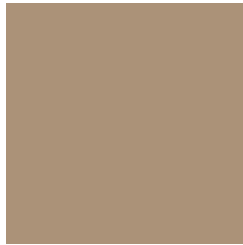
7.0787, 0.1770, 0.1572



0.3067, 0.1927, 0.2136

Previews

White Background



This preview shows how the Yxy color 30.5718, 0.3666, 0.3679 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 30.5718, 0.3666, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

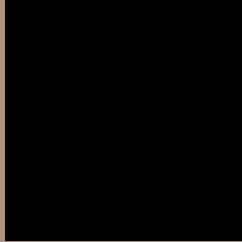
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5718, 0.3666, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 30.5718, 0.3666, 0.3679.



This preview shows how white text looks on a background with the Yxy color 30.5718, 0.3666, 0.3679.

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

30.5718, 0.3666, 0.3679

Protanopia

30.5888, 0.3497, 0.3725

Deuteranopia

30.4165, 0.3719, 0.3644



Tritanopia

30.4307, 0.3384, 0.3132

Trichromacy



Original Color

30.5718, 0.3666, 0.3679

Protanomaly

30.6619, 0.3555, 0.3720

Deuteranomaly

30.6055, 0.3704, 0.3660

Tritanomaly

30.5370, 0.3496, 0.3335

Monochromacy



Original Color

30.5718, 0.3666, 0.3679

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.6574, 0.3309, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5718, 0.3666, 0.3679 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(171, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(171, 146, 120)  
}
```

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(171, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 146, 120) }
```

Border

The CSS property to change the border of an element to Yxy 30.5718, 0.3666, 0.3679 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(171, 146, 120) }
```

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

```
.border{ border-color:rgb(171, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(171, 146,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5718, 0.3666, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 146, 120) }
```

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

```
.background{ background-color: rgb(171,  
146, 120) }
```

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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