

Converting Colors

$Yxy(36.5602, 0.3077, 0.3529)$

Have a look what the booklet for
Yxy(36.5602, 0.3077, 0.3529)
contains.

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Color

Yxy(36.5682, 0.3079, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	94A898
RGB	148, 168, 152
RGB Percent	58%, 66%, 60%
CMY	0.4198, 0.3411, 0.4039
CMYK	0.12, 0.00, 0.10, 0.34
HSL	132°, 10%, 62%
HSV	132°, 12%, 66%
XYZ	31.8781, 36.5682, 35.0877
YIQ	160.1960, -6.7840, -9.2160

Conversions

Conversions Part 2

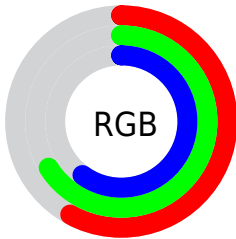
Format	Color
RYB	148, 165, 168
Decimal	9742488
CIELab	66.95, -10.16, 5.90
CIElCh	67, 11.748, 149.841
Yxy	36.5682, 0.3079, 0.3532
Android (android.graphics.Color)	4287932568 (0xFF94A898)
YUV	160.1960, -4.0406, -10.6959
Hunter-Lab	60.4716, -11.7277, 7.9281

Details

The Yxy color **36.5682, 0.3079, 0.3532** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1730, 0.3179, 0.3059**, and the grayscale version is **35.2684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7881, 0.3090, 0.3485**, and **15.9718, 0.3061, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **34.7007, 0.3039, 0.3763**, and if you desaturate by 10%, it is **38.7159, 0.3119, 0.3327**.

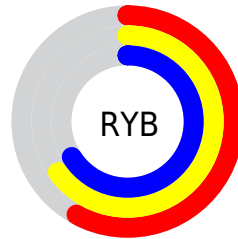
Distribution



Red (58%)

Green (66%)

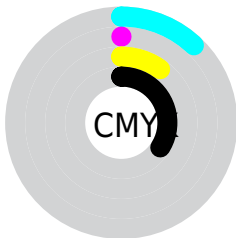
Blue (60%)



Red (58%)

Yellow (65%)

Blue (66%)

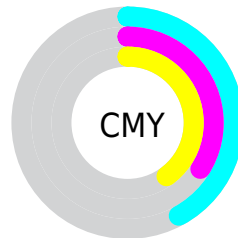


Cyan (12%)

Magenta (0%)

Yellow (10%)

Black (34%)



Cyan (42%)


Magenta (34%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5682, 0.3079, 0.3532 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 36.5682, 0.3079, 0.3532 by changing the saturation by 10% instead.


 36.5682, 0.3079,
0.3532


 36.5682, 0.3079,
0.3532


331.4373, 0.3105,
0.3404

 24.8733, 0.3072,
0.3566


 69.9082, 0.3089,
0.3484

 15.9827, 0.3062,
0.3612


 92.3221, 0.3093,
0.3466

 9.5119, 0.3048,
0.3676


119.0778, 0.3096,
0.3452

 5.0766, 0.3027,
0.3772

150.5597, 0.3098,
0.3439

 2.2923, 0.2990,
0.3930

187.1522, 0.3100,
0.3429

 0.7696, 0.2881,
0.4585

229.2397, 0.3102,

 0.0000, 0.0000,

0.3419

0.0000

277.2066, 0.3104,
0.3411

■ 36.5682, 0.3079,
0.3532

■ 36.5682, 0.3079,
0.3532

■ 34.7007, 0.3039,
0.3763

■ 38.7159, 0.3119,
0.3327

■ 33.0972, 0.3000,
0.4019

■ 41.1499, 0.3159,
0.3146

■ 31.7473, 0.2965,
0.4296

■ 43.8819, 0.3197,
0.2989

■ 30.6376, 0.2936,
0.4589

■ 46.9215, 0.3232,
0.2852

■ 29.7539, 0.2915,
0.4885

■ 50.2780, 0.3266,
0.2733

■ 29.0802, 0.2906,
0.5172

■ 53.9601, 0.3297,
0.2631

■ 28.5985, 0.2909,
0.5432

■ 55.9162, 0.3239,
0.2520

■ 28.2874, 0.2925,
0.5648

■ 56.4901, 0.3167,
0.2441

■ 28.1252, 0.2941,
0.5787

Harmonies

Analogous

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



36.5682, 0.3258, 0.3601



36.5682, 0.3079, 0.3532



36.5682, 0.2917, 0.3392

Triad

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



36.5682, 0.3079, 0.3532



36.5682, 0.2853, 0.3003



36.5682, 0.3453, 0.3339

Complementary

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



36.5682, 0.3079, 0.3532



32.1730, 0.3179, 0.3059

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.



36.5682, 0.3339, 0.3188



36.5682, 0.3079, 0.3532



36.5682, 0.2991, 0.2997

Square

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



36.5682, 0.3079, 0.3532



36.5682, 0.2789, 0.3085



36.5682, 0.3168, 0.3065



36.5682, 0.3477, 0.3483

Rectangle

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



36.5682, 0.3079, 0.3532



36.5682, 0.2839, 0.3281



36.5682, 0.3168, 0.3065



36.5682, 0.3424, 0.3288

Sweetspot

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



36.5698, 0.3079, 0.3532



69.3676, 0.3111, 0.3369



38.0398, 0.3263, 0.3581



15.0551, 0.3108, 0.3383



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.5698, 0.3079, 0.3532



65.5181, 0.3070, 0.3583



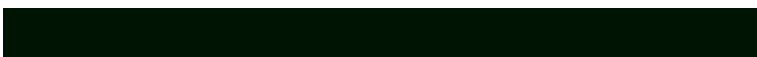
36.9110, 0.2997, 0.3379



8.4316, 0.3090, 0.3475



21.2415, 0.2937, 0.5772



0.5236, 0.2776, 0.5194

Inverse Universe

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



32.1730, 0.3179, 0.3059



56.1384, 0.3190, 0.3013



31.8263, 0.3277, 0.3202



7.6403, 0.3167, 0.3112



7.5955, 0.3785, 0.1859



0.1912, 0.3563, 0.1737

Previews

White Background



This preview shows how the Yxy color 36.5682, 0.3079, 0.3532 looks on a white background.

Color Contrast Check

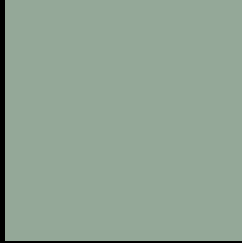
Large Text (above 18pt) WCAG AA × Fail

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 36.5682, 0.3079, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

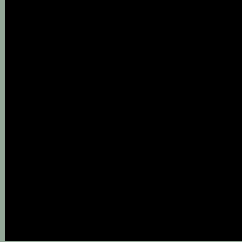
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

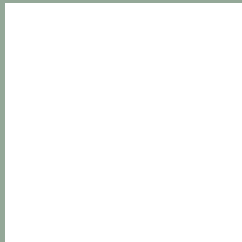
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5682, 0.3079, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 36.5682, 0.3079, 0.3532.



This preview shows how white text looks on a background with the Yxy color 36.5682, 0.3079, 0.3532.

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

36.5682, 0.3079, 0.3532

Protanopia

36.4456, 0.3312, 0.3478

Deuteranopia

36.2708, 0.3394, 0.3332



Tritanopia

36.4006, 0.2910, 0.3101

Trichromacy



Original Color

36.5682, 0.3079, 0.3532

Protanomaly

36.3300, 0.3222, 0.3496

Deuteranomaly

36.2247, 0.3277, 0.3405

Tritanomaly

36.3167, 0.2974, 0.3245

Monochromacy



Original Color

36.5682, 0.3079, 0.3532

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.6966, 0.3114, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5682, 0.3079, 0.3532 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(148, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(148, 168, 152)  
}
```

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(148, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 168, 152) }
```

Border

The CSS property to change the border of an element to Yxy 36.5682, 0.3079, 0.3532 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(148, 168, 152) }
```

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

```
.border{ border-color:rgb(148, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(148, 168,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5682, 0.3079, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 168, 152) }
```

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

```
.background{ background-color: rgb(148,  
168, 152) }
```

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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