

Converting Colors

Yxy(36.2544, 0.3095, 0.3596)

Have a look what the booklet for
Yxy(36.2544, 0.3095, 0.3596)
contains.

Yxy(36.2544, 0.3095, 0.3596)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.2544, 0.3095, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	92A894
RGB	146, 168, 148
RGB Percent	57%, 66%, 58%
CMY	0.4274, 0.3412, 0.4197
CMYK	0.13, 0.00, 0.12, 0.34
HSL	125°, 11%, 62%
HSV	125°, 13%, 66%
XYZ	31.2034, 36.2544, 33.3609
YIQ	159.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

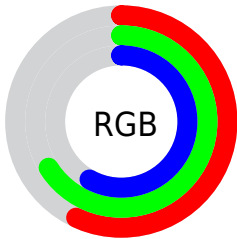
Format	Color
RYB	146, 166, 168
Decimal	9611412
CIELab	66.71, -11.60, 7.78
CIElCh	67, 13.967, 146.154
Yxy	36.2544, 0.3095, 0.3596
Android (android.graphics.Color)	4287801492 (0xFF92A894)
YUV	159.1420, -5.4930, -11.5255
Hunter-Lab	60.2116, -12.8666, 9.2979

Details

The Yxy color **36.2544, 0.3095, 0.3596** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6443, 0.3161, 0.3002**, and the grayscale version is **34.7689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3190, 0.3102, 0.3532**, and **15.7867, 0.3082, 0.3708** is the 20% darker color. If you saturate the color by 10%, you get **34.3745, 0.3069, 0.3865**, and if you desaturate by 10%, it is **38.4278, 0.3120, 0.3357**.

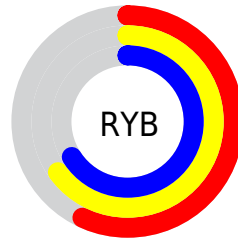
Distribution



Red (57%)

Green (66%)

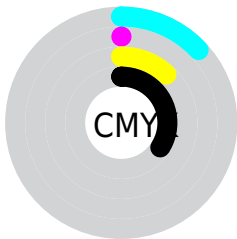
Blue (58%)



Red (57%)

Yellow (65%)

Blue (66%)

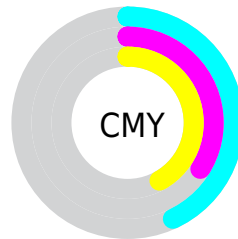


Cyan (13%)

Magenta (0%)

Yellow (12%)

Black (34%)



Cyan (43%)


Magenta (34%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2544, 0.3095, 0.3596 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 36.2544, 0.3095, 0.3596 by changing the saturation by 10% instead.


 36.2544, 0.3095,
0.3596


 36.2544, 0.3095,
0.3596


330.0711, 0.3113,
0.3434

 24.6307, 0.3090,
0.3640


 69.4245, 0.3102,
0.3535

 15.8022, 0.3082,
0.3699


 91.7398, 0.3105,
0.3512

 9.3843, 0.3071,
0.3781


118.3877, 0.3107,
0.3494

 4.9927, 0.3053,
0.3905

149.7527, 0.3109,
0.3478

 2.2430, 0.3020,
0.4111

186.2192, 0.3110,
0.3464

 0.7433, 0.2956,
0.5191

228.1714, 0.3111,

 0.0000, 0.0000,

0.3453

0.0000

275.9940, 0.3112,
0.3443

■ 36.2544, 0.3095,
0.3596

■ 36.2544, 0.3095,
0.3596

■ 34.3745, 0.3069,
0.3865

■ 38.4278, 0.3120,
0.3357

■ 32.7710, 0.3044,
0.4161

■ 40.9015, 0.3143,
0.3149

■ 31.4324, 0.3020,
0.4480

■ 43.6881, 0.3165,
0.2967

■ 30.3443, 0.2999,
0.4809

■ 46.7981, 0.3185,
0.2810

■ 29.4911, 0.2983,
0.5132

■ 50.2412, 0.3204,
0.2675

■ 28.8554, 0.2974,
0.5428

■ 54.0271, 0.3220,
0.2559

■ 28.4174, 0.2973,
0.5673

■ 56.4855, 0.3167,
0.2441

■ 28.1535, 0.2978,
0.5851

■ 28.0398, 0.2982,
0.5935

Harmonies

Analogous

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



36.2544, 0.3306, 0.3665



36.2544, 0.3095, 0.3596



36.2544, 0.2897, 0.3435

Triad

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



36.2544, 0.3095, 0.3596



36.2544, 0.2787, 0.2956



36.2544, 0.3505, 0.3324

Complementary

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



36.2544, 0.3095, 0.3596



31.6443, 0.3161, 0.3002

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.



36.2544, 0.3357, 0.3148



36.2544, 0.3095, 0.3596



36.2544, 0.2941, 0.2939

Square

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



36.2544, 0.3095, 0.3596



36.2544, 0.2724, 0.3062



36.2544, 0.3148, 0.3009



36.2544, 0.3548, 0.3499

Rectangle

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



36.2544, 0.3095, 0.3596



36.2544, 0.2798, 0.3303



36.2544, 0.3148, 0.3009



36.2544, 0.3465, 0.3264

Sweetspot

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



36.2559, 0.3095, 0.3596



69.3176, 0.3117, 0.3380



38.2067, 0.3301, 0.3608



15.0424, 0.3116, 0.3396



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.



36.2559, 0.3095, 0.3596



64.6385, 0.3087, 0.3679



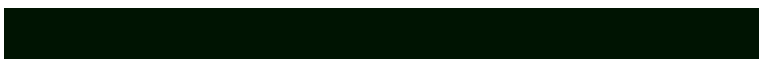
36.6162, 0.3005, 0.3428



8.4182, 0.3105, 0.3502



21.1779, 0.2979, 0.5926



0.5185, 0.2892, 0.5612

Inverse Universe

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



31.6443, 0.3161, 0.3002



54.4428, 0.3170, 0.2930



31.2621, 0.3268, 0.3156



7.6549, 0.3150, 0.3087



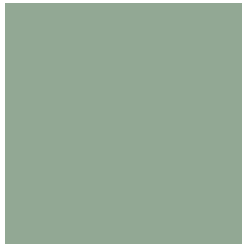
8.0283, 0.3442, 0.1670



0.1986, 0.3357, 0.1623

Previews

White Background



This preview shows how the Yxy color 36.2544, 0.3095, 0.3596 looks on a white background.

Color Contrast Check

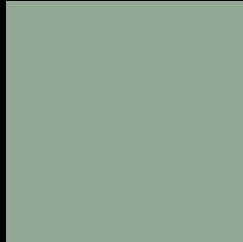
Large Text (above 18pt) WCAG AA × Fail

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 36.2544, 0.3095, 0.3596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

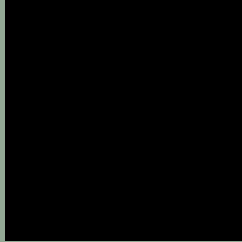
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

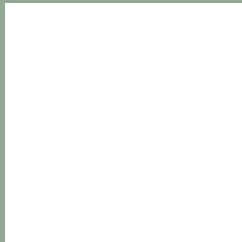
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2544, 0.3095, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 36.2544, 0.3095, 0.3596.



This preview shows how white text looks on a background with the Yxy color 36.2544, 0.3095, 0.3596.

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

36.2544, 0.3095, 0.3596

Protanopia

35.9691, 0.3351, 0.3522

Deuteranopia

35.9240, 0.3446, 0.3374



Tritanopia

36.3046, 0.2902, 0.3101

Trichromacy



Original Color

36.2544, 0.3095, 0.3596

Protanomaly

36.2033, 0.3258, 0.3556

Deuteranomaly

35.7466, 0.3316, 0.3450

Tritanomaly

36.0530, 0.2973, 0.3275

Monochromacy



Original Color

36.2544, 0.3095, 0.3596

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0772, 0.3113, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2544, 0.3095, 0.3596 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(146, 168, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 168, 148)  
}
```

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(146, 168, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 168, 148) }
```

Border

The CSS property to change the border of an element to Yxy 36.2544, 0.3095, 0.3596 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(146, 168, 148) }
```

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

```
.border{ border-color:rgb(146, 168, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 168, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 168, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 168, 148);  
box-shadow:4px 4px 4px 4px rgb(146, 168,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2544, 0.3095, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 168, 148) }
```

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

```
.background{ background-color: rgb(146,  
168, 148) }
```

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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