

Converting Colors

$Y_{xy}(35.6533, 0.3274, 0.3513)$

Have a look what the booklet for
Yxy(35.6533, 0.3274, 0.3513)
contains.

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Color

Yxy(35.7338, 0.3271, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	A3A293
RGB	163, 162, 147
RGB Percent	64%, 64%, 58%
CMY	0.3608, 0.3647, 0.4235
CMYK	0.00, 0.01, 0.10, 0.36
HSL	56°, 8%, 61%
HSV	56°, 10%, 64%
XYZ	33.2912, 35.7338, 32.7517
YIQ	160.5890, 5.4110, -4.4530

Conversions

Conversions Part 2

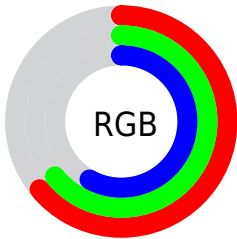
Format	Color
RYB	148, 163, 147
Decimal	10723987
CIELab	66.32, -2.36, 7.92
CIELCh	66, 8.263, 106.584
Yxy	35.7338, 0.3271, 0.3511
Android (android.graphics.Color)	4288914067 (0xFFA3A293)
YUV	160.5890, -6.6994, 2.1144
Hunter-Lab	59.7778, -5.2017, 9.3599

Details

The Yxy color **35.7338, 0.3271, 0.3511** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0302, 0.2978, 0.3059**, and the grayscale version is **35.4707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7482, 0.3243, 0.3469**, and **15.3759, 0.3320, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **34.9044, 0.3423, 0.3743**, and if you desaturate by 10%, it is **36.6417, 0.3124, 0.3286**.

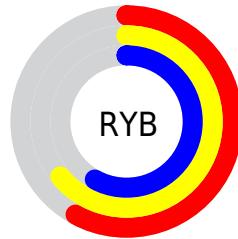
Distribution



Red (64%)

Green (64%)

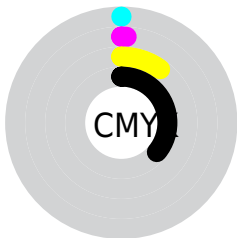
Blue (58%)



Red (58%)

Yellow (64%)

Blue (58%)

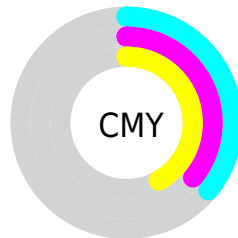


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (36%)



Cyan (36%)


Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7338, 0.3271, 0.3511 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 35.7338, 0.3271, 0.3511 by changing the saturation by 10% instead.


 35.7338, 0.3271,
0.3511


 35.7338, 0.3271,
0.3511


327.7955, 0.3196,
0.3395

 24.2287, 0.3291,
0.3542


 68.6210, 0.3243,
0.3467

 15.5033, 0.3317,
0.3583


 90.7719, 0.3233,
0.3452

 9.1734, 0.3352,
0.3640


117.2401, 0.3224,
0.3438

 4.8545, 0.3404,
0.3724

148.4101, 0.3217,
0.3427

 2.1621, 0.3486,
0.3860

184.6662, 0.3211,
0.3417

 0.6992, 0.4010,
0.4619

226.3929, 0.3205,

 0.0000, 0.0000,

0.3409

0.0000

273.9746, 0.3200,
0.3401

■ 35.7338, 0.3271,
0.3511

■ 35.7338, 0.3271,
0.3511

■ 34.9044, 0.3423,
0.3743

■ 36.6417, 0.3124,
0.3286

■ 34.1458, 0.3578,
0.3975

■ 37.6263, 0.2986,
0.3071

■ 33.4562, 0.3730,
0.4201

■ 38.6918, 0.2857,
0.2870

■ 32.8322, 0.3874,
0.4411

■ 39.8409, 0.2738,
0.2683

■ 32.2700, 0.4005,
0.4596

■ 41.0759, 0.2630,
0.2512

■ 31.7652, 0.4116,
0.4747

■ 42.3993, 0.2532,
0.2356

■ 31.3131, 0.4203,
0.4859

■ 43.4133, 0.2476,
0.2270

■ 30.9080, 0.4264,
0.4928

■ 43.7914, 0.2478,
0.2282

■ 30.5372, 0.4304,
0.4963

■ 44.1723, 0.2479,
0.2294

Harmonies

Analogous

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



35.7338, 0.3354, 0.3472



35.7338, 0.3271, 0.3511



35.7338, 0.3151, 0.3489

Triad

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



35.7338, 0.3271, 0.3511



35.7338, 0.2885, 0.3186



35.7338, 0.3227, 0.3175

Complementary

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



35.7338, 0.3271, 0.3511



30.0302, 0.2978, 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.



35.7338, 0.3100, 0.3101



35.7338, 0.3271, 0.3511



35.7338, 0.2905, 0.3106

Square

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



35.7338, 0.3271, 0.3511



35.7338, 0.2929, 0.3298



35.7338, 0.2982, 0.3076



35.7338, 0.3329, 0.3278

Rectangle

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



35.7338, 0.3271, 0.3511



35.7338, 0.3066, 0.3441



35.7338, 0.2982, 0.3076



35.7338, 0.3186, 0.3146

Sweetspot

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



35.7354, 0.3271, 0.3511



65.0832, 0.3171, 0.3358



30.7986, 0.3284, 0.3274



14.5884, 0.3183, 0.3376



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.



35.7354, 0.3271, 0.3511



63.6308, 0.3307, 0.3567



35.3750, 0.3202, 0.3530



8.1616, 0.3263, 0.3499



23.7533, 0.4304, 0.4965



0.5201, 0.4260, 0.5000

Inverse Universe

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



30.0302, 0.2978, 0.3059



51.0995, 0.2939, 0.2997



30.3801, 0.3047, 0.3049



6.9272, 0.2987, 0.3072



2.2509, 0.1514, 0.0651



0.0672, 0.1579, 0.0885

Previews

White Background



This preview shows how the Yxy color 35.7338, 0.3271, 0.3511 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 35.7338, 0.3271, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

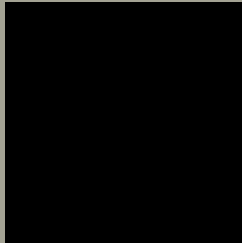
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

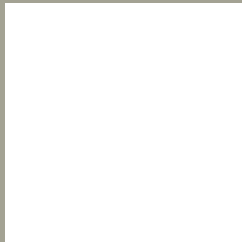
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7338, 0.3271, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 35.7338, 0.3271, 0.3511.



This preview shows how white text looks on a background with the Yxy color 35.7338, 0.3271, 0.3511.

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

35.7338, 0.3271, 0.3511

Protanopia

35.8899, 0.3332, 0.3508

Deuteranopia

35.4046, 0.3458, 0.3389



Tritanopia

35.5010, 0.3088, 0.3105

Trichromacy



Original Color

35.7338, 0.3271, 0.3511

Protanomaly

35.6721, 0.3312, 0.3510

Deuteranomaly

35.5905, 0.3379, 0.3433

Tritanomaly

35.4042, 0.3158, 0.3247

Monochromacy



Original Color

35.7338, 0.3271, 0.3511

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.5714, 0.3181, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7338, 0.3271, 0.3511 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(163, 162, 147)` looks like.

```
.text, #text, p{  
    color:rgb(163, 162, 147)  
}
```

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(163, 162, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 162, 147) }
```

Border

The CSS property to change the border of an element to Yxy 35.7338, 0.3271, 0.3511 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(163, 162, 147) }
```

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

```
.border{ border-color:rgb(163, 162, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 162, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 162, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 162, 147);  
box-shadow:4px 4px 4px 4px rgb(163, 162,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7338, 0.3271, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 162, 147) }
```

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

```
.background{ background-color: rgb(163,  
162, 147) }
```

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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