

Converting Colors

$Y_{xy}(35.6586, 0.2985, 0.3011)$

Have a look what the booklet for
Yxy(35.6586, 0.2985, 0.3011)
contains.

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Color

Yxy(35.7323, 0.2982, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	A29FB3
RGB	162, 159, 179
RGB Percent	64%, 62%, 70%
CMY	0.3646, 0.3765, 0.2981
CMYK	0.09, 0.11, 0.00, 0.30
HSL	249°, 12%, 66%
HSV	249°, 11%, 70%
XYZ	35.4352, 35.7323, 47.6629
YIQ	162.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

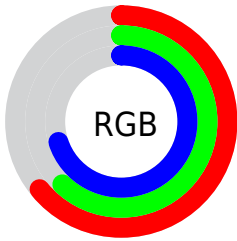
Format	Color
RYB	162, 159, 179
Decimal	10657715
CIELab	66.31, 5.06, -9.94
CIELCh	66, 11.148, 296.972
Yxy	35.7323, 0.2982, 0.3007
Android (android.graphics.Color)	4288847795 (0xFFA29FB3)
YUV	162.1770, 8.2937, -0.1552
Hunter-Lab	59.7765, 1.2051, -5.4314

Details

The Yxy color **35.7323, 0.2982, 0.3007** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.9584, 0.3263, 0.3563**, and the grayscale version is **36.1817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8430, 0.3009, 0.3062**, and **15.5465, 0.2934, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **28.5208, 0.2832, 0.2722**, and if you desaturate by 10%, it is **44.0304, 0.3113, 0.3262**.

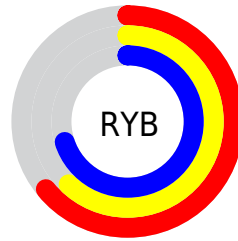
Distribution



Red (64%)

Green (62%)

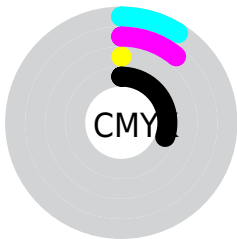
Blue (70%)



Red (64%)

Yellow (62%)

Blue (70%)

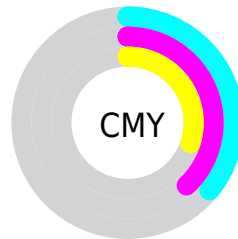


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (30%)



Cyan (36%)

Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.7323, 0.2982, 0.3007 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 35.7323, 0.2982, 0.3007 by changing the saturation by 10% instead.

■ 35.7323, 0.2982,
0.3007

■ 35.7323, 0.2982,
0.3007

■ 327.7890, 0.3058,
0.3153

■ 24.2275, 0.2962,
0.2969

■ 68.6187, 0.3011,
0.3061

■ 15.5025, 0.2935,
0.2920

■ 90.7691, 0.3021,
0.3081

■ 9.1728, 0.2898,
0.2853

■ 117.2368, 0.3030,
0.3098

■ 4.8541, 0.2843,
0.2756

■ 148.4062, 0.3037,
0.3112

■ 2.1619, 0.2755,
0.2605

■ 184.6617, 0.3044,
0.3124

■ 0.6991, 0.2599,
0.2306

■ 226.3878, 0.3049,

■ 0.0000, 0.0000,

0.3135

0.0000

273.9687, 0.3054,
0.3144

■ 35.7323, 0.2982,
0.3007

■ 35.7323, 0.2982,
0.3007

■ 28.5208, 0.2832,
0.2722

■ 44.0304, 0.3113,
0.3262

■ 22.3464, 0.2665,
0.2411

■ 53.4528, 0.3227,
0.3488

■ 17.1625, 0.2482,
0.2080

■ 64.0412, 0.3324,
0.3686

■ 12.9172, 0.2289,
0.1743

■ 75.8335, 0.3407,
0.3858

■ 9.5537, 0.2097,
0.1417

■ 88.8661, 0.3478,
0.4008

■ 7.0092, 0.1915,
0.1125

■ 95.6923, 0.3567,
0.4041

■ 5.2123, 0.1759,
0.0889

■ 96.0336, 0.3579,
0.4038

■ 4.0792, 0.1638,
0.0726

■ 3.4868, 0.1563,
0.0635

Harmonies

Analogous

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



35.7323, 0.2856, 0.3020



35.7323, 0.2982, 0.3007



35.7323, 0.3150, 0.3065

Triad

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



35.7323, 0.2982, 0.3007



35.7323, 0.3463, 0.3463



35.7323, 0.2939, 0.3402

Complementary

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



35.7323, 0.2982, 0.3007



43.9584, 0.3263, 0.3563

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.



35.7323, 0.3098, 0.3531



35.7323, 0.2982, 0.3007



35.7323, 0.3402, 0.3562

Square

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



35.7323, 0.2982, 0.3007



35.7323, 0.3431, 0.3323



35.7323, 0.3268, 0.3589



35.7323, 0.2832, 0.3244

Rectangle

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



35.7323, 0.2982, 0.3007



35.7323, 0.3263, 0.3137



35.7323, 0.3268, 0.3589



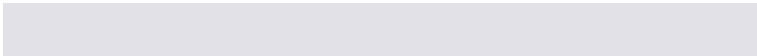
35.7323, 0.2988, 0.3451

Sweetspot

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



35.7338, 0.2982, 0.3007



75.9186, 0.3090, 0.3216



41.6669, 0.2958, 0.3248



16.5461, 0.3080, 0.3197



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.7338, 0.2982, 0.3007



61.1999, 0.2953, 0.2951



36.8195, 0.3074, 0.3015



8.2897, 0.3008, 0.3056



2.4832, 0.1570, 0.0639



0.0972, 0.1788, 0.0759

Inverse Universe

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



37.5106, 0.3167, 0.3060



64.9241, 0.3175, 0.3017



42.8392, 0.3175, 0.3570



8.6242, 0.3160, 0.3099



8.3815, 0.3625, 0.1770



0.2697, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 35.7323, 0.2982, 0.3007 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 35.7323, 0.2982, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

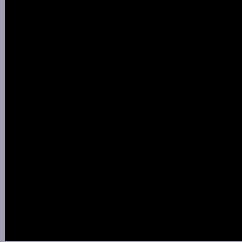
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

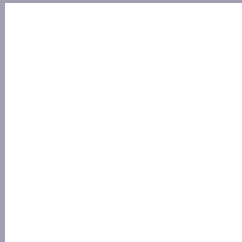
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7323, 0.2982, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 35.7323, 0.2982, 0.3007.



This preview shows how white text looks on a background with the Yxy color 35.7323, 0.2982, 0.3007.

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

35.7323, 0.2982, 0.3007

Protanopia

35.8078, 0.2946, 0.3005

Deuteranopia

35.6934, 0.3037, 0.2983



Tritanopia

35.7358, 0.3023, 0.3104

Trichromacy



Original Color

35.7323, 0.2982, 0.3007

Protanomaly

35.9105, 0.2955, 0.3006

Deuteranomaly

35.8154, 0.3018, 0.2996

Tritanomaly

35.8138, 0.3006, 0.3076

Monochromacy



Original Color

35.7323, 0.2982, 0.3007

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.9983, 0.3075, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7323, 0.2982, 0.3007 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(162, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(162, 159, 179)  
}
```

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(162, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 159, 179) }
```

Border

The CSS property to change the border of an element to Yxy 35.7323, 0.2982, 0.3007 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(162, 159, 179) }
```

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

```
.border{ border-color:rgb(162, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(162, 159,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7323, 0.2982, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 159, 179) }
```

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

```
.background{ background-color: rgb(162,  
159, 179) }
```

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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