

Converting Colors

$Yxy(35.0038, 0.3209, 0.3391)$

Have a look what the booklet for
Yxy(35.0038, 0.3209, 0.3391)
contains.

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Color

Yxy(35.1229, 0.3209, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	A2A099
RGB	162, 160, 153
RGB Percent	64%, 63%, 60%
CMY	0.3648, 0.3725, 0.3999
CMYK	0.00, 0.01, 0.06, 0.36
HSL	47°, 5%, 62%
HSV	47°, 6%, 64%
XYZ	33.2182, 35.1229, 35.1747
YIQ	159.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

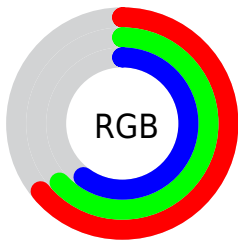
Format	Color
RYB	156, 162, 153
Decimal	10657945
CIELab	65.84, -0.58, 3.88
CIElCh	66, 3.923, 98.537
Yxy	35.1229, 0.3209, 0.3393
Android (android.graphics.Color)	4288848025 (0xFFA2A099)
YUV	159.8000, -3.3524, 1.9294
Hunter-Lab	59.2646, -3.6625, 6.2955

Details

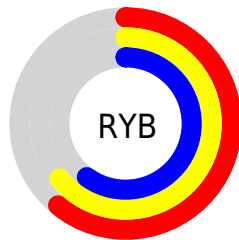
The Yxy color **35.1229, 0.3209, 0.3393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8202, 0.3045, 0.3185**, and the grayscale version is **35.0712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8576, 0.3196, 0.3380**, and **15.2116, 0.3230, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **33.4102, 0.3366, 0.3586**, and if you desaturate by 10%, it is **36.9465, 0.3064, 0.3209**.

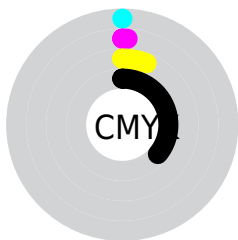
Distribution



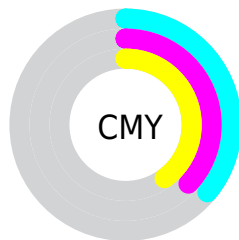
- Red (64%)
- Green (63%)
- Blue (60%)



- Red (61%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1229, 0.3209, 0.3393 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 35.1229, 0.3209, 0.3393 by changing the saturation by 10% instead.


 35.1229, 0.3209,
0.3393


 35.1229, 0.3209,
0.3393

325.1105, 0.3166,
0.3339

 23.7576, 0.3220,
0.3407


 67.6761, 0.3193,
0.3373

 15.1539, 0.3235,
0.3426


 89.6328, 0.3187,
0.3365

 8.9275, 0.3256,
0.3453


115.8887, 0.3182,
0.3359

 4.6939, 0.3287,
0.3492

146.8282, 0.3178,
0.3354

 2.0688, 0.3337,
0.3556

182.8358, 0.3174,
0.3349

 0.6470, 0.3574,
0.3849

224.2957, 0.3171,

 0.0000, 0.0000,

0.3346

0.0000

271.5925, 0.3169,
0.3342

■ 35.1229, 0.3209,
0.3393

■ 35.1229, 0.3209,
0.3393

■ 33.4102, 0.3366,
0.3586

■ 36.9465, 0.3064,
0.3209

■ 31.8007, 0.3534,
0.3784

■ 38.8795, 0.2931,
0.3036

■ 30.2925, 0.3709,
0.3982

■ 40.9263, 0.2810,
0.2875

■ 28.8820, 0.3887,
0.4172

■ 43.0897, 0.2702,
0.2726

■ 27.5652, 0.4063,
0.4345

■ 45.3722, 0.2604,
0.2590

■ 26.3378, 0.4229,
0.4492

■ 47.7765, 0.2517,
0.2465

■ 25.1951, 0.4377,
0.4604

■ 49.5486, 0.2497,
0.2461

■ 24.1315, 0.4501,
0.4672

■ 51.0529, 0.2503,
0.2504

■ 23.1402, 0.4598,
0.4696

■ 52.5946, 0.2509,
0.2548

Harmonies

Analogous

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



35.1229, 0.3241, 0.3369



35.1229, 0.3209, 0.3393



35.1229, 0.3155, 0.3390

Triad

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



35.1229, 0.3209, 0.3393



35.1229, 0.3014, 0.3255



35.1229, 0.3159, 0.3223

Complementary

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



35.1229, 0.3209, 0.3393



32.8202, 0.3045, 0.3185

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.



35.1229, 0.3098, 0.3193



35.1229, 0.3209, 0.3393



35.1229, 0.3015, 0.3211

Square

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



35.1229, 0.3209, 0.3393



35.1229, 0.3043, 0.3309



35.1229, 0.3046, 0.3188



35.1229, 0.3212, 0.3271

Rectangle

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



35.1229, 0.3209, 0.3393



35.1229, 0.3114, 0.3372



35.1229, 0.3046, 0.3188



35.1229, 0.3139, 0.3211

Sweetspot

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



35.1244, 0.3209, 0.3393



64.9207, 0.3157, 0.3328



32.8387, 0.3197, 0.3259



14.5895, 0.3155, 0.3325



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.



35.1244, 0.3209, 0.3393



63.2756, 0.3233, 0.3424



35.5633, 0.3184, 0.3422



8.0469, 0.3238, 0.3429



17.9650, 0.4633, 0.4703



0.4395, 0.4447, 0.4851

Inverse Universe

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



32.8202, 0.3045, 0.3185



57.9317, 0.3020, 0.3153



32.4065, 0.3069, 0.3156



7.3405, 0.3016, 0.3147



3.0822, 0.1572, 0.0857



0.1282, 0.1747, 0.1488

Previews

White Background



This preview shows how the Yxy color 35.1229, 0.3209, 0.3393 looks on a white background.

Color Contrast Check

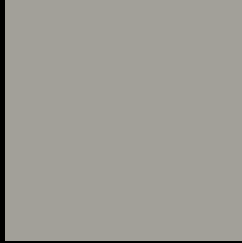
Large Text (above 18pt) WCAG AA × Fail

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 35.1229, 0.3209, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

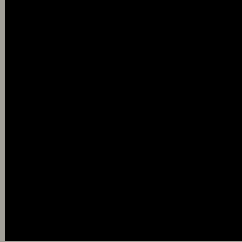
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

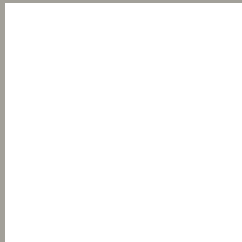
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1229, 0.3209, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 35.1229, 0.3209, 0.3393.



This preview shows how white text looks on a background with the Yxy color 35.1229, 0.3209, 0.3393.

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

35.1229, 0.3209, 0.3393

Protanopia

34.9887, 0.3230, 0.3378

Deuteranopia

35.1229, 0.3358, 0.3305



Tritanopia

34.9087, 0.3078, 0.3104

Trichromacy



Original Color

35.1229, 0.3209, 0.3393

Protanomaly

34.8827, 0.3220, 0.3378

Deuteranomaly

35.2177, 0.3304, 0.3333

Tritanomaly

34.9206, 0.3122, 0.3203

Monochromacy



Original Color

35.1229, 0.3209, 0.3393

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1530, 0.3164, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1229, 0.3209, 0.3393 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, 160, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 153)  
}
```

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, 160, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 153) }
```

Border

The CSS property to change the border of an element to Yxy 35.1229, 0.3209, 0.3393 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, 160, 153) }
```

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

```
.border{ border-color:rgb(162, 160, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 160, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1229, 0.3209, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 153) }
```

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

```
.background{ background-color: rgb(162,  
160, 153) }
```

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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