

Converting Colors

Yxy(34.9389, 0.3172, 0.3233)

Have a look what the booklet for
Yxy(34.9389, 0.3172, 0.3233)
contains.

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Color

Yxy(34.7941, 0.3179, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	A69DA1
RGB	166, 157, 161
RGB Percent	65%, 62%, 63%
CMY	0.3488, 0.3844, 0.3686
CMYK	0.00, 0.05, 0.03, 0.35
HSL	333°, 5%, 63%
HSV	333°, 5%, 65%
XYZ	34.2235, 34.7941, 38.6374
YIQ	160.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

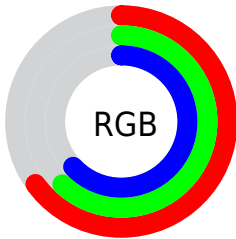
Format	Color
R_{YB}	166, 157, 161
Decimal	10919329
CIE _{Lab}	65.59, 4.04, -0.93
CIE _{LCh}	66, 4.144, 347.099
Yxy	34.7941, 0.3179, 0.3232
Android (android.graphics.Color)	4289109409 (0xFFA69DA1)
YUV	160.1470, 0.4205, 5.1331
Hunter-Lab	58.9865, 0.3379, 2.4544

Details

The Yxy color **34.7941, 0.3179, 0.3232** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0644, 0.3078, 0.3349**, and the grayscale version is **35.2251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4170, 0.3166, 0.3246**, and **15.0113, 0.3187, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **29.2408, 0.3289, 0.3121**, and if you desaturate by 10%, it is **41.1380, 0.3088, 0.3337**.

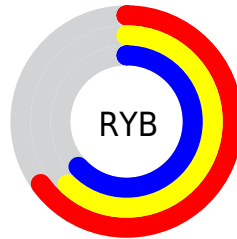
Distribution



Red (65%)

Green (62%)

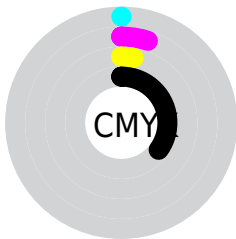
Blue (63%)



Red (65%)

Yellow (62%)

Blue (63%)

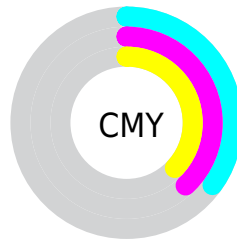


Cyan (0%)

Magenta (5%)

Yellow (3%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7941, 0.3179, 0.3232 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 34.7941, 0.3179, 0.3232 by changing the saturation by 10% instead.

 34.7941, 0.3179,
0.3232


 34.7941, 0.3179,
0.3232


323.6586, 0.3152,
0.3262

 23.5043, 0.3186,
0.3224


 67.1667, 0.3169,
0.3243

 14.9663, 0.3196,
0.3213


 89.0182, 0.3165,
0.3248

 8.7958, 0.3209,
0.3199


115.1592, 0.3162,
0.3251

 4.6082, 0.3228,
0.3177

145.9739, 0.3159,
0.3254

 2.0193, 0.3260,
0.3142

181.8469, 0.3157,
0.3257

 0.6186, 0.3360,
0.3027


223.1623, 0.3155,


 0.0000, 0.0000,


0.3259


0.0000


270.3048, 0.3153,
0.3261

 34.7941, 0.3179,
0.3232


 34.7941, 0.3179,
0.3232


 29.2408, 0.3289,
0.3121

 41.1380, 0.3088,
0.3337


 24.4424, 0.3422,
0.3004


 48.2973, 0.3013,
0.3434


 20.3672, 0.3581,
0.2887

 56.3013, 0.2951,
0.3523

 16.9796, 0.3770,
0.2773

 65.1765, 0.2899,
0.3606

 14.2409, 0.3988,
0.2670

 74.9484, 0.2857,
0.3681

■ 12.1084, 0.4235,
0.2590

■ 84.6066, 0.2820,
0.3732

■ 10.5344, 0.4503,
0.2543

■ 85.0979, 0.2774,
0.3623

■ 9.4638, 0.4781,
0.2542

■ 85.6163, 0.2729,
0.3516

■ 8.8263, 0.5052,
0.2593

■ 86.1624, 0.2685,
0.3411

Harmonies

Analogous

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



34.7941, 0.3115, 0.3194



34.7941, 0.3179, 0.3232



34.7941, 0.3229, 0.3285

Triad

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



34.7941, 0.3179, 0.3232



34.7941, 0.3199, 0.3401



34.7941, 0.3004, 0.3238

Complementary

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



34.7941, 0.3179, 0.3232



37.0644, 0.3078, 0.3349

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.



34.7941, 0.3026, 0.3294



34.7941, 0.3179, 0.3232



34.7941, 0.3138, 0.3389

Square

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



34.7941, 0.3179, 0.3232



34.7941, 0.3241, 0.3383



34.7941, 0.3075, 0.3349



34.7941, 0.3014, 0.3197

Rectangle

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



34.7941, 0.3179, 0.3232



34.7941, 0.3248, 0.3323



34.7941, 0.3075, 0.3349



34.7941, 0.3008, 0.3255

Sweetspot

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



34.7956, 0.3179, 0.3232



66.8808, 0.3146, 0.3269



34.5430, 0.3094, 0.3159



14.9955, 0.3145, 0.3270



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.



34.7956, 0.3179, 0.3232



61.3266, 0.3196, 0.3214



34.8092, 0.3216, 0.3297



7.8435, 0.3199, 0.3210



6.6774, 0.5152, 0.2612



0.1728, 0.4358, 0.2174

Inverse Universe

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



34.7956, 0.3179, 0.3232



61.3266, 0.3196, 0.3214



37.0456, 0.3044, 0.3283



7.8435, 0.3199, 0.3210



6.6774, 0.5152, 0.2612



0.1728, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 34.7941, 0.3179, 0.3232 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 34.7941, 0.3179, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

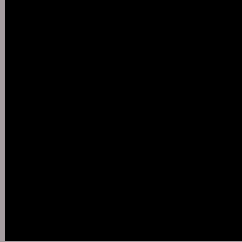
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

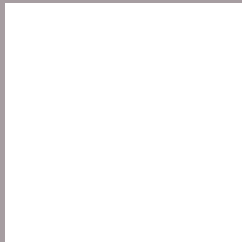
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7941, 0.3179, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 34.7941, 0.3179, 0.3232.



This preview shows how white text looks on a background with the Yxy color 34.7941, 0.3179, 0.3232.

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

34.7941, 0.3179, 0.3232

Protanopia

34.6394, 0.3120, 0.3232

Deuteranopia

34.7185, 0.3252, 0.3178



Tritanopia

34.8196, 0.3125, 0.3119

Trichromacy



Original Color

34.7941, 0.3179, 0.3232

Protanomaly

34.8489, 0.3140, 0.3232

Deuteranomaly

34.7093, 0.3221, 0.3191

Tritanomaly

34.7090, 0.3153, 0.3161

Monochromacy



Original Color

34.7941, 0.3179, 0.3232

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0157, 0.3147, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7941, 0.3179, 0.3232 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(166, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 161)  
}
```

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(166, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 161) }
```

Border

The CSS property to change the border of an element to Yxy 34.7941, 0.3179, 0.3232 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(166, 157, 161) }
```

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

```
.border{ border-color:rgb(166, 157, 161) }
```

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

Here you see how a box with a 4 pixel rgb(166, 157, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7941, 0.3179, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 161) }
```

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

```
.background{ background-color: rgb(166,  
157, 161) }
```

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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