

Converting Colors

$Y_{xy}(34.8725, 0.3189, 0.3260)$

Have a look what the booklet for
Yxy(34.8725, 0.3189, 0.3260)
contains.

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Color

Yxy(34.7590, 0.3188, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	A69DA0
RGB	166, 157, 160
RGB Percent	65%, 62%, 63%
CMY	0.3490, 0.3843, 0.3726
CMYK	0.00, 0.05, 0.04, 0.35
HSL	340°, 5%, 63%
HSV	340°, 5%, 65%
XYZ	34.1274, 34.7590, 38.1632
YIQ	160.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

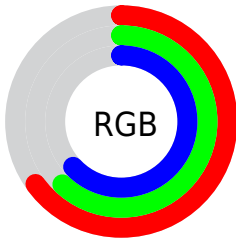
Format	Color
R_{YB}	166, 157, 160
Decimal	10919328
CIE Lab	65.56, 3.82, -0.39
CIE LCh	66, 3.845, 354.164
Yxy	34.7590, 0.3188, 0.3247
Android (android.graphics.Color)	4289109408 (0xFFA69DA0)
YUV	160.0330, -0.0163, 5.2331
Hunter-Lab	58.9568, 0.1513, 2.8909

Details

The Yxy color **34.7590, 0.3188, 0.3247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0867, 0.3070, 0.3333**, and the grayscale version is **35.1690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3654, 0.3173, 0.3257**, and **14.9896, 0.3200, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **29.1485, 0.3319, 0.3164**, and if you desaturate by 10%, it is **41.1703, 0.3081, 0.3325**.

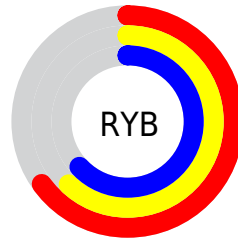
Distribution



Red (65%)

Green (62%)

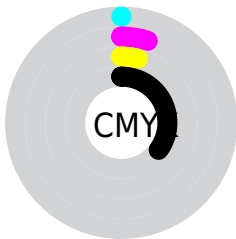
Blue (63%)



Red (65%)

Yellow (62%)

Blue (63%)

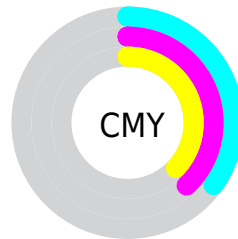


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (35%)



Cyan (35%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7590, 0.3188, 0.3247 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 34.7590, 0.3188, 0.3247 by changing the saturation by 10% instead.


 34.7590, 0.3188,
0.3247


 34.7590, 0.3188,
0.3247


323.5033, 0.3156,
0.3270

 23.4773, 0.3196,
0.3241


 67.1123, 0.3176,
0.3255

 14.9463, 0.3208,
0.3233


 88.9526, 0.3172,
0.3259

 8.7817, 0.3223,
0.3222


115.0812, 0.3168,
0.3261

 4.5991, 0.3246,
0.3206

145.8826, 0.3165,
0.3263

 2.0140, 0.3284,
0.3179

181.7411, 0.3162,
0.3265

 0.6156, 0.3407,
0.3091

223.0411, 0.3160,

 0.0000, 0.0000,

0.3267

0.0000

270.1671, 0.3158,
0.3268

■ 34.7590, 0.3188,
0.3247

■ 34.7590, 0.3188,
0.3247

■ 29.1485, 0.3319,
0.3164

■ 41.1703, 0.3081,
0.3325

■ 24.3029, 0.3479,
0.3076

■ 48.4077, 0.2993,
0.3397

■ 20.1901, 0.3672,
0.2988

■ 56.5008, 0.2920,
0.3463

■ 16.7740, 0.3904,
0.2902

■ 65.4764, 0.2861,
0.3523

■ 14.0156, 0.4176,
0.2827

■ 75.3603, 0.2812,
0.3579

■ 11.8716, 0.4486,
0.2773

■ 85.1480, 0.2769,
0.3611

■ 10.2940, 0.4822,
0.2750

■ 85.7787, 0.2715,
0.3483

■ 9.2271, 0.5165,
0.2770

■ 86.4496, 0.2662,
0.3358

■ 8.6002, 0.5486,
0.2837

■ 86.8472, 0.2633,
0.3289

Harmonies

Analogous

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



34.7590, 0.3130, 0.3207



34.7590, 0.3188, 0.3247



34.7590, 0.3230, 0.3298

Triad

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



34.7590, 0.3188, 0.3247



34.7590, 0.3182, 0.3393



34.7590, 0.3012, 0.3231

Complementary

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



34.7590, 0.3188, 0.3247



37.0867, 0.3070, 0.3333

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.



34.7590, 0.3026, 0.3281



34.7590, 0.3188, 0.3247



34.7590, 0.3123, 0.3375

Square

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



34.7590, 0.3188, 0.3247



34.7590, 0.3226, 0.3383



34.7590, 0.3066, 0.3334



34.7590, 0.3029, 0.3198

Rectangle

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



34.7590, 0.3188, 0.3247



34.7590, 0.3243, 0.3332



34.7590, 0.3066, 0.3334



34.7590, 0.3013, 0.3246

Sweetspot

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



34.7605, 0.3188, 0.3247



66.8557, 0.3149, 0.3274



34.6557, 0.3104, 0.3160



14.9902, 0.3148, 0.3275



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.



34.7605, 0.3188, 0.3247



61.2425, 0.3209, 0.3233



35.1678, 0.3214, 0.3312



7.8322, 0.3212, 0.3231



6.5090, 0.5603, 0.2860



0.1678, 0.4696, 0.2361

Inverse Universe

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



34.7605, 0.3188, 0.3247



61.2425, 0.3209, 0.3233



36.6529, 0.3045, 0.3268



7.8322, 0.3212, 0.3231



6.5090, 0.5603, 0.2860



0.1678, 0.4696, 0.2361

Previews

White Background



This preview shows how the Yxy color 34.7590, 0.3188, 0.3247 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 34.7590, 0.3188, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

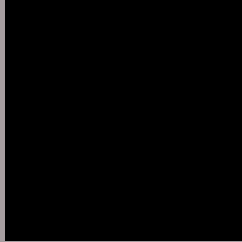
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

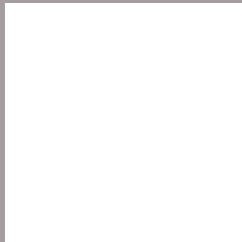
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7590, 0.3188, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 34.7590, 0.3188, 0.3247.

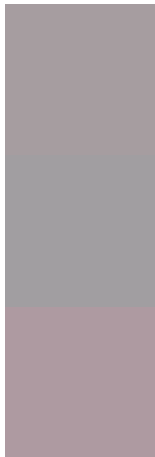


This preview shows how white text looks on a background with the Yxy color 34.7590, 0.3188, 0.3247.

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

34.7590, 0.3188, 0.3247

Protanopia

34.6040, 0.3129, 0.3246

Deuteranopia

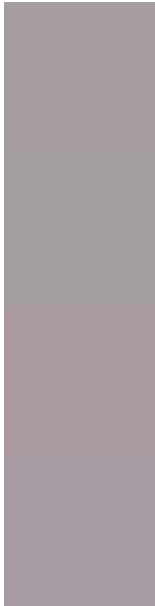
34.6831, 0.3262, 0.3192



Tritanopia

34.8196, 0.3125, 0.3119

Trichromacy



Original Color

34.7590, 0.3188, 0.3247

Protanomaly

34.8135, 0.3149, 0.3246

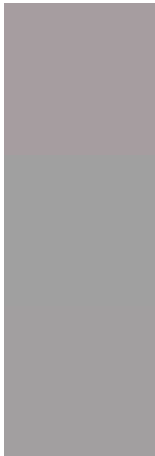
Deuteranomaly

34.6738, 0.3230, 0.3205

Tritanomaly

34.7090, 0.3153, 0.3161

Monochromacy



Original Color

34.7590, 0.3188, 0.3247

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 34.7590, 0.3188, 0.3247 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.7590, 0.3188, 0.3247 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, 160) }
```

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

```
.border{ border-color:rgb(166, 157, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7590, 0.3188, 0.3247 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, 160) }
```

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

```
.background{ background-color: rgb(166,  
157, 160) }
```

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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