

Converting Colors

Yxy(36.5427, 0.3133, 0.3253)

Have a look what the booklet for
Yxy(36.5427, 0.3133, 0.3253)
contains.

Yxy(36.5566, 0.3129, 0.3247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.5566, 0.3129, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	A5A2A5
RGB	165, 162, 165
RGB Percent	65%, 64%, 65%
CMY	0.3530, 0.3647, 0.3529
CMYK	0.00, 0.02, 0.00, 0.35
HSL	300°, 2%, 64%
HSV	300°, 2%, 65%
XYZ	35.2281, 36.5566, 40.8011
YIQ	163.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

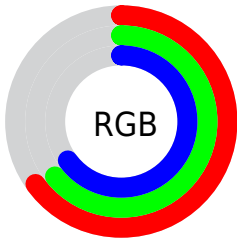
Format	Color
RYB	165, 162, 165
Decimal	10855077
CIELab	66.94, 1.65, -1.18
CIELCh	67, 2.028, 324.264
Yxy	36.5566, 0.3129, 0.3247
Android (android.graphics.Color)	4289045157 (0xFFA5A2A5)
YUV	163.2390, 0.8682, 1.5444
Hunter-Lab	60.4621, -1.8059, 2.3133

Details

The Yxy color **36.5566, 0.3129, 0.3247** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2068, 0.3125, 0.3333**, and the grayscale version is **36.7406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.0087, 0.3129, 0.3257**, and **15.8548, 0.3130, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **31.1098, 0.3139, 0.3006**, and if you desaturate by 10%, it is **42.7694, 0.3119, 0.3478**.

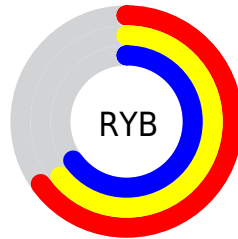
Distribution



Red (65%)

Green (64%)

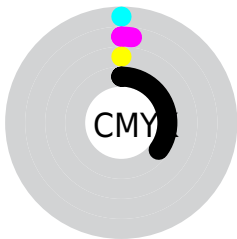
Blue (65%)



Red (65%)

Yellow (64%)

Blue (65%)

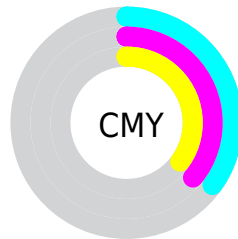


Cyan (0%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.5566, 0.3129, 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 36.5566, 0.3129, 0.3247 by changing the saturation by 10% instead.

 36.5566, 0.3129,
0.3247


 36.5566, 0.3129,
0.3247


331.3868, 0.3128,
0.3269

 24.8644, 0.3129,
0.3241


 69.8903, 0.3129,
0.3255

 15.9760, 0.3130,
0.3233


 92.3006, 0.3129,
0.3258

 9.5072, 0.3130,
0.3223


119.0523, 0.3128,
0.3261

 5.0735, 0.3130,
0.3207

150.5299, 0.3128,
0.3263

 2.2904, 0.3131,
0.3182

187.1178, 0.3128,
0.3265

 0.7686, 0.3134,
0.3126

229.2003, 0.3128,

 0.0000, 0.0000,

0.3267

0.0000

277.1618, 0.3128,
0.3268

■ 36.5566, 0.3129,
0.3247

■ 36.5566, 0.3129,
0.3247

■ 31.1098, 0.3139,
0.3006

■ 42.7694, 0.3119,
0.3478

■ 26.3948, 0.3150,
0.2760

■ 49.7714, 0.3110,
0.3697

■ 22.3818, 0.3159,
0.2517

■ 57.5906, 0.3101,
0.3899

■ 19.0372, 0.3169,
0.2285

■ 66.2521, 0.3092,
0.4086

■ 16.3246, 0.3177,
0.2072

■ 75.7803, 0.3085,
0.4256

■ 14.2041, 0.3184,
0.1888

■ 82.3020, 0.3081,
0.4356

■ 12.6313, 0.3189,
0.1740

■ 82.3132, 0.3081,
0.4356

■ 11.5555, 0.3192,
0.1632

■ 82.3243, 0.3082,
0.4356

■ 10.9168, 0.3194,
0.1566

■ 82.3355, 0.3082,
0.4356

Harmonies

Analogous

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



36.5566, 0.3099, 0.3238



36.5566, 0.3129, 0.3247



36.5566, 0.3159, 0.3268

Triad

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



36.5566, 0.3129, 0.3247



36.5566, 0.3178, 0.3338



36.5566, 0.3074, 0.3285

Complementary

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



36.5566, 0.3129, 0.3247



37.2068, 0.3125, 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.



36.5566, 0.3096, 0.3313



36.5566, 0.3129, 0.3247



36.5566, 0.3156, 0.3343

Square

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



36.5566, 0.3129, 0.3247



36.5566, 0.3187, 0.3320



36.5566, 0.3125, 0.3334



36.5566, 0.3067, 0.3260

Rectangle

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



36.5566, 0.3129, 0.3247



36.5566, 0.3175, 0.3285



36.5566, 0.3125, 0.3334



36.5566, 0.3080, 0.3295

Sweetspot

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



36.5582, 0.3129, 0.3247



66.3055, 0.3128, 0.3266



36.2594, 0.3101, 0.3247



14.5093, 0.3128, 0.3267



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.



36.5582, 0.3129, 0.3247



65.2392, 0.3129, 0.3242



36.5076, 0.3142, 0.3268



8.1113, 0.3129, 0.3246



8.0241, 0.3194, 0.1533



0.1693, 0.3200, 0.1536

Inverse Universe

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



36.4527, 0.3156, 0.3290



65.0283, 0.3159, 0.3290



37.2568, 0.3113, 0.3312



8.0875, 0.3156, 0.3290



6.0536, 0.6392, 0.3295



0.1274, 0.6349, 0.3271

Previews

White Background



This preview shows how the Yxy color 36.5566, 0.3129, 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 36.5566, 0.3129, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

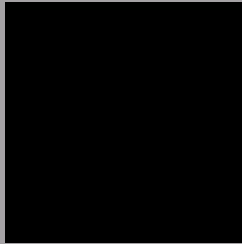
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

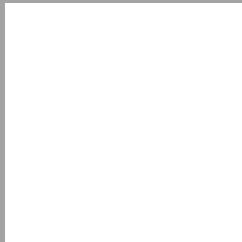
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.5566, 0.3129, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 36.5566, 0.3129, 0.3247.

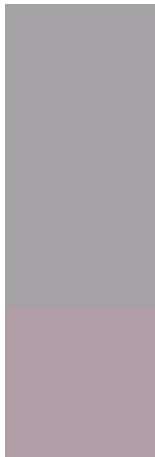


This preview shows how white text looks on a background with the Yxy color 36.5566, 0.3129, 0.3247.

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

36.5566, 0.3129, 0.3247

Protanopia

36.5566, 0.3129, 0.3247

Deuteranopia

36.5540, 0.3239, 0.3180



Tritanopia

36.6139, 0.3069, 0.3121

Trichromacy



Original Color

36.5566, 0.3129, 0.3247

Protanomaly

36.5566, 0.3129, 0.3247

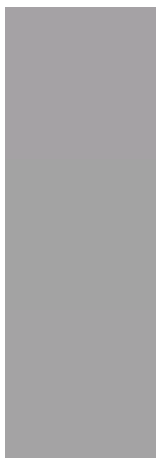
Deuteranomaly

36.4337, 0.3199, 0.3192

Tritanomaly

36.4990, 0.3095, 0.3162

Monochromacy



Original Color

36.5566, 0.3129, 0.3247

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7672, 0.3128, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5566, 0.3129, 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(165, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 165)  
}
```

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(165, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 165) }
```

Border

The CSS property to change the border of an element to Yxy 36.5566, 0.3129, 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(165, 162, 165) }
```

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

```
.border{ border-color:rgb(165, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5566, 0.3129, 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(165, 162, 165) }
```

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

```
.background{ background-color: rgb(165,  
162, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor