

Converting Colors

$Y_{xy}(34.7527, 0.3037, 0.3197)$

Have a look what the booklet for
Yxy(34.7527, 0.3037, 0.3197)
contains.

Yxy(34.6174, 0.3037, 0.3187)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.6174, 0.3037, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	9C9FA6
RGB	156, 159, 166
RGB Percent	61%, 62%, 65%
CMY	0.3883, 0.3764, 0.3491
CMYK	0.06, 0.04, 0.00, 0.35
HSL	222°, 5%, 63%
HSV	222°, 6%, 65%
XYZ	32.9881, 34.6174, 41.0152
YIQ	158.9010, -4.0350, 1.5410

Conversions

Conversions Part 2

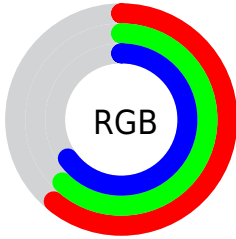
Format	Color
RYB	156, 158, 166
Decimal	10264486
CIELab	65.45, 0.30, -4.01
CIELCh	65, 4.022, 274.322
Yxy	34.6174, 0.3037, 0.3187
Android (android.graphics.Color)	4288454566 (0xFF9C9FA6)
YUV	158.9010, 3.4998, -2.5442
Hunter-Lab	58.8366, -2.8838, -0.1457

Details

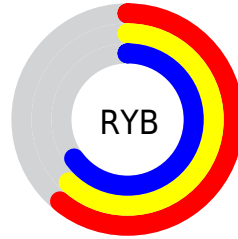
The Yxy color **34.6174, 0.3037, 0.3187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6877, 0.3218, 0.3391**, and the grayscale version is **34.6079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0152, 0.3051, 0.3211**, and **14.9433, 0.3012, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **29.2768, 0.2878, 0.2999**, and if you desaturate by 10%, it is **40.5604, 0.3184, 0.3354**.

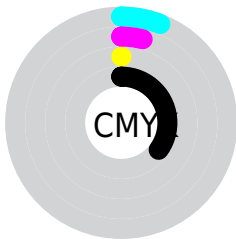
Distribution



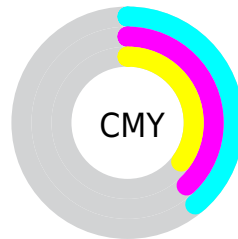
- Red (61%)
- Green (62%)
- Blue (65%)



- Red (61%)
- Yellow (62%)
- Blue (65%)



- Cyan (6%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6174, 0.3037, 0.3187 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 34.6174, 0.3037, 0.3187 by changing the saturation by 10% instead.

■ 34.6174, 0.3037,
0.3187

■ 34.6174, 0.3037,
0.3187

■ 322.8763, 0.3084,
0.3241

■ 23.3683, 0.3024,
0.3173

■ 66.8926, 0.3055,
0.3207

■ 14.8657, 0.3008,
0.3154

■ 88.6876, 0.3061,
0.3215

■ 8.7252, 0.2985,
0.3127

■ 114.7666, 0.3067,
0.3221

■ 4.5624, 0.2950,
0.3088

■ 145.5140, 0.3071,
0.3226

■ 1.9929, 0.2895,
0.3025

■ 181.3143, 0.3075,
0.3231

■ 0.6033, 0.2738,
0.2844

■ 222.5519, 0.3079,

■ 0.0000, 0.0000,

0.3235

0.0000

269.6111, 0.3082,
0.3238

■ 34.6174, 0.3037,
0.3187

■ 34.6174, 0.3037,
0.3187

■ 29.2768, 0.2878,
0.2999

■ 40.5604, 0.3184,
0.3354

■ 24.5147, 0.2709,
0.2790

■ 47.1196, 0.3319,
0.3500

■ 20.3124, 0.2532,
0.2560

■ 54.3143, 0.3442,
0.3629

■ 16.6481, 0.2352,
0.2313

■ 62.1611, 0.3553,
0.3741

■ 13.4987, 0.2175,
0.2054

■ 70.6764, 0.3653,
0.3839

■ 10.8393, 0.2008,
0.1791

■ 79.7660, 0.3740,
0.3925

■ 8.6426, 0.1860,
0.1535

■ 86.3697, 0.3702,
0.4032

■ 6.8782, 0.1738,
0.1298

■ 93.4085, 0.3665,
0.4134

■ 5.5088, 0.1647,
0.1090

■ 95.5329, 0.3655,
0.4163

Harmonies

Analogous

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



34.6174, 0.3009, 0.3214



34.6174, 0.3037, 0.3187



34.6174, 0.3089, 0.3188

Triad

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



34.6174, 0.3037, 0.3187



34.6174, 0.3243, 0.3317



34.6174, 0.3102, 0.3367

Complementary

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



34.6174, 0.3037, 0.3187



36.6877, 0.3218, 0.3391

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.



34.6174, 0.3165, 0.3395



34.6174, 0.3037, 0.3187



34.6174, 0.3247, 0.3365

Square

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



34.6174, 0.3037, 0.3187



34.6174, 0.3208, 0.3262



34.6174, 0.3218, 0.3394



34.6174, 0.3047, 0.3318

Rectangle

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



34.6174, 0.3037, 0.3187



34.6174, 0.3131, 0.3204



34.6174, 0.3218, 0.3394



34.6174, 0.3123, 0.3379

Sweetspot

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



34.6189, 0.3037, 0.3187



67.0102, 0.3097, 0.3256



36.9737, 0.3062, 0.3336



15.0229, 0.3099, 0.3258



84.8088, 0.3127, 0.3290



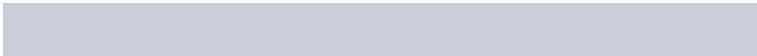
15.4872, 0.3127, 0.3290

Same Dimension

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



34.6189, 0.3037, 0.3187



61.7172, 0.3020, 0.3167



33.7748, 0.3055, 0.3143



7.8954, 0.3015, 0.3162



3.9913, 0.1620, 0.1032



0.1859, 0.1808, 0.1707

Inverse Universe

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



34.3809, 0.3198, 0.3246



61.2208, 0.3212, 0.3238



37.5785, 0.3197, 0.3435



7.8293, 0.3216, 0.3236



6.4740, 0.5711, 0.2920



0.1665, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 34.6174, 0.3037, 0.3187 looks on a white background.

Color Contrast Check

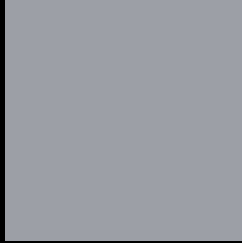
Large Text (above 18pt) WCAG AA × Fail

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 34.6174, 0.3037, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

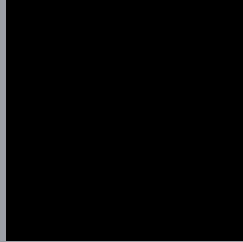
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

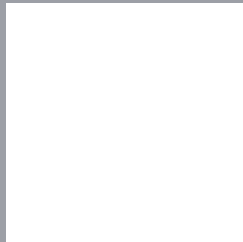
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6174, 0.3037, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 34.6174, 0.3037, 0.3187.



This preview shows how white text looks on a background with the Yxy color 34.6174, 0.3037, 0.3187.

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

34.6174, 0.3037, 0.3187

Protanopia

34.6439, 0.3084, 0.3188

Deuteranopia

34.4473, 0.3165, 0.3106



Tritanopia

34.5621, 0.3003, 0.3100

Trichromacy



Original Color

34.6174, 0.3037, 0.3187

Protanomaly

34.5413, 0.3074, 0.3187

Deuteranomaly

34.5663, 0.3115, 0.3132

Tritanomaly

34.4864, 0.3021, 0.3129

Monochromacy



Original Color

34.6174, 0.3037, 0.3187

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6740, 0.3091, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6174, 0.3037, 0.3187 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(156, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(156, 159, 166)  
}
```

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(156, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 159, 166) }
```

Border

The CSS property to change the border of an element to Yxy 34.6174, 0.3037, 0.3187 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(156, 159, 166) }
```

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

```
.border{ border-color:rgb(156, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(156, 159,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6174, 0.3037, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 159, 166) }
```

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

```
.background{ background-color: rgb(156,  
159, 166) }
```

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