

Converting Colors

$Yxy(42.7682, 0.3045, 0.3323)$

Have a look what the booklet for
Yxy(42.7682, 0.3045, 0.3323)
contains.

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Color

Yxy(42.6464, 0.3048, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	A6B1AF
RGB	166, 177, 175
RGB Percent	65%, 69%, 69%
CMY	0.3490, 0.3059, 0.3136
CMYK	0.06, 0.00, 0.01, 0.31
HSL	169°, 7%, 67%
HSV	169°, 6%, 69%
XYZ	39.1879, 42.6464, 46.7349
YIQ	173.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

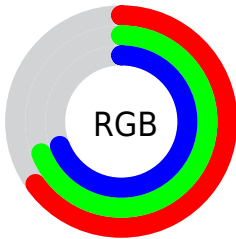
Format	Color
RYB	166, 172, 177
Decimal	10924463
CIELab	71.31, -4.21, -0.32
CIElCh	71, 4.226, 184.394
Yxy	42.6464, 0.3048, 0.3317
Android (android.graphics.Color)	4289114543 (0xFFA6B1AF)
YUV	173.4830, 0.7479, -6.5626
Hunter-Lab	65.3042, -7.1677, 3.2821

Details

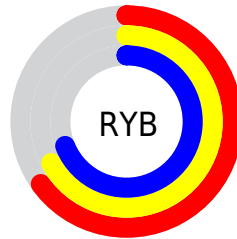
The Yxy color $42.6464, 0.3048, 0.3317$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.4473, 0.3213, 0.3263$, and the grayscale version is $42.0487, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.3632, 0.3065, 0.3322$, and $19.4228, 0.3019, 0.3309$ is the 20% darker color. If you saturate the color by 10%, you get $40.7414, 0.2925, 0.3364$, and if you desaturate by 10%, it is $44.8212, 0.3176, 0.3274$.

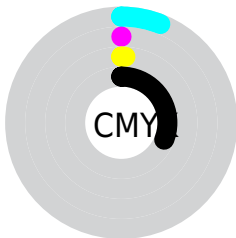
Distribution



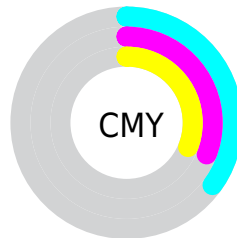
- Red (65%)
- Green (69%)
- Blue (69%)



- Red (65%)
- Yellow (67%)
- Blue (69%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)





- Cyan (35%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.6464, 0.3048, 0.3317 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 42.6464, 0.3048, 0.3317 by changing the saturation by 10% instead.


 42.6464, 0.3048,
0.3317

 42.6464, 0.3048,
0.3317


357.1556, 0.3088,
0.3303

 29.6078, 0.3038,
0.3320

 79.1770, 0.3063,
0.3312

 19.5411, 0.3025,
0.3325


 103.4377, 0.3068,
0.3310

 12.0619, 0.3007,
0.3331


132.2080, 0.3073,
0.3309

 6.7858, 0.2981,
0.3339

165.8721, 0.3077,
0.3307

 3.3285, 0.2942,
0.3352

204.8146, 0.3080,
0.3306

 1.3056, 0.2875,
0.3374

249.4197, 0.3083,

 0.1455, 0.0979,

0.3305

0.4019

300.0719, 0.3086,
0.3304

0.0000, 0.0000,
0.0000

42.6464, 0.3048,
0.3317

42.6464, 0.3048,
0.3317

40.7414, 0.2925,
0.3364

44.8212, 0.3176,
0.3274

39.0901, 0.2809,
0.3415

47.2706, 0.3306,
0.3236

37.6829, 0.2703,
0.3470

50.0058, 0.3437,
0.3202

36.5075, 0.2611,
0.3529

53.0360, 0.3567,
0.3172

35.5504, 0.2534,
0.3590

56.3698, 0.3693,
0.3146

■ 34.7970, 0.2474,
0.3653

■ 56.6055, 0.3669,
0.3113

■ 34.2305, 0.2433,
0.3717

■ 56.7502, 0.3640,
0.3080

■ 33.8317, 0.2412,
0.3781

■ 56.8980, 0.3612,
0.3047

■ 33.5750, 0.2408,
0.3845

■ 57.0489, 0.3584,
0.3015

Harmonies

Analogous

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



42.6464, 0.3102, 0.3365



42.6464, 0.3048, 0.3317



42.6464, 0.3015, 0.3262

Triad

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



42.6464, 0.3048, 0.3317



42.6464, 0.3090, 0.3190



42.6464, 0.3244, 0.3364

Complementary

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



42.6464, 0.3048, 0.3317



39.4473, 0.3213, 0.3263

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.



42.6464, 0.3241, 0.3317



42.6464, 0.3048, 0.3317



42.6464, 0.3151, 0.3217

Square

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



42.6464, 0.3048, 0.3317



42.6464, 0.3039, 0.3189



42.6464, 0.3207, 0.3263



42.6464, 0.3216, 0.3392

Rectangle

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



42.6464, 0.3048, 0.3317



42.6464, 0.3009, 0.3229



42.6464, 0.3207, 0.3263



42.6464, 0.3247, 0.3350

Sweetspot

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



42.6482, 0.3048, 0.3317



77.9478, 0.3101, 0.3299



42.5251, 0.3138, 0.3443



16.9018, 0.3102, 0.3298



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



42.6482, 0.3048, 0.3317



76.0516, 0.3037, 0.3321



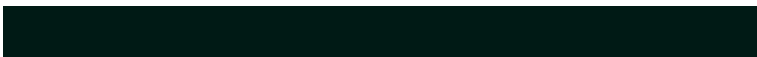
41.3681, 0.3033, 0.3242



9.6892, 0.3032, 0.3323



24.2755, 0.2406, 0.3862



0.7707, 0.2357, 0.3684

Inverse Universe

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



39.4473, 0.3213, 0.3263



69.5227, 0.3226, 0.3259



40.6576, 0.3226, 0.3338



8.8181, 0.3231, 0.3258



6.8539, 0.6096, 0.3132



0.2231, 0.5391, 0.2744

Previews

White Background



This preview shows how the Yxy color 42.6464, 0.3048, 0.3317 looks on a white background.

Color Contrast Check

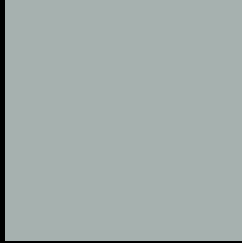
Large Text (above 18pt) WCAG AA × Fail

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 42.6464, 0.3048, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

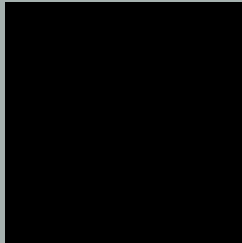
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

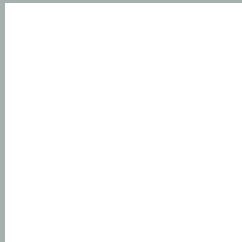
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6464, 0.3048, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 42.6464, 0.3048, 0.3317.

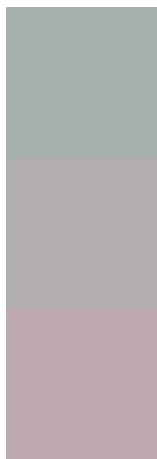


This preview shows how white text looks on a background with the Yxy color 42.6464, 0.3048, 0.3317.

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

42.6464, 0.3048, 0.3317

Protanopia

42.7542, 0.3171, 0.3304

Deuteranopia

42.4974, 0.3251, 0.3186



Tritanopia

42.6589, 0.2956, 0.3101

Trichromacy



Original Color

42.6464, 0.3048, 0.3317

Protanomaly

42.7146, 0.3127, 0.3304

Deuteranomaly

42.4634, 0.3175, 0.3237

Tritanomaly

42.7268, 0.2986, 0.3181

Monochromacy



Original Color

42.6464, 0.3048, 0.3317

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8741, 0.3092, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6464, 0.3048, 0.3317 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, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(166, 177, 175)  
}
```

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, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 177, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.6464, 0.3048, 0.3317 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, 177, 175) }
```

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

```
.border{ border-color:rgb(166, 177, 175) }
```

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

Here you see how a box with a 4 pixel rgb(166, 177, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 177,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6464, 0.3048, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 177, 175) }
```

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

```
.background{ background-color: rgb(166,  
177, 175) }
```

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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