

Converting Colors

Yxy(41.4964, 0.3324, 0.3163)

Have a look what the booklet for
Yxy(41.4964, 0.3324, 0.3163)
contains.

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Color

Yxy(41.6075, 0.3321, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	C3A5AF
RGB	195, 165, 175
RGB Percent	76%, 65%, 69%
CMY	0.2352, 0.3529, 0.3138
CMYK	0.00, 0.15, 0.10, 0.24
HSL	340°, 20%, 71%
HSV	340°, 15%, 76%
XYZ	43.6997, 41.6075, 46.2788
YIQ	175.1100, 14.6700, 9.4700

Conversions

Conversions Part 2

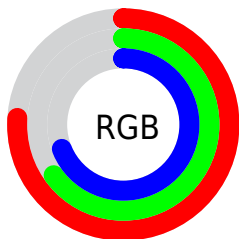
Format	Color
RYB	195, 165, 175
Decimal	12821935
CIELab	70.60, 12.63, -1.06
CIELCh	71, 12.679, 355.187
Yxy	41.6075, 0.3321, 0.3162
Android (android.graphics.Color)	4291012015 (0xFFC3A5AF)
YUV	175.1100, -0.0542, 17.4435
Hunter-Lab	64.5039, 8.0474, 2.6146

Details

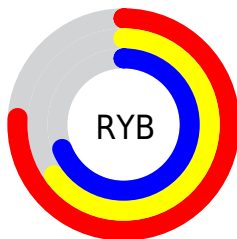
The Yxy color $41.6075, 0.3321, 0.3162$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.5388, 0.2965, 0.3422$, and the grayscale version is $42.9254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5950, 0.3290, 0.3190$, and $18.9030, 0.3373, 0.3115$ is the 20% darker color. If you saturate the color by 10%, you get $34.6157, 0.3483, 0.3073$, and if you desaturate by 10%, it is $49.7249, 0.3188, 0.3247$.

Distribution



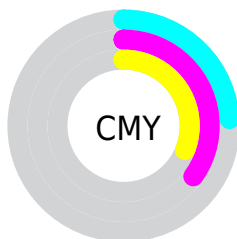
- Red (76%)
- Green (65%)
- Blue (69%)



- Red (76%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6075, 0.3321, 0.3162 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 41.6075, 0.3321, 0.3162 by changing the saturation by 10% instead.


 41.6075, 0.3321,
0.3162


 41.6075, 0.3321,
0.3162


352.8533, 0.3222,
0.3227

 28.7941, 0.3346,
0.3145


 77.6052, 0.3285,
0.3186

 18.9251, 0.3379,
0.3124


 101.5584, 0.3271,
0.3195

 11.6162, 0.3423,
0.3095


129.9935, 0.3260,
0.3202

 6.4829, 0.3486,
0.3054

163.2950, 0.3250,
0.3209

 3.1409, 0.3583,
0.2992

201.8474, 0.3242,
0.3214

 1.2057, 0.3751,
0.2884

246.0350, 0.3235,

 0.0664, 0.6356,

0.3219

0.1135

296.2421, 0.3228,
0.3223

0.0000, 0.0000,
0.0000

41.6075, 0.3321,
0.3162

41.6075, 0.3321,
0.3162

34.6157, 0.3483,
0.3073

49.7249, 0.3188,
0.3247

28.6941, 0.3680,
0.2983

59.0090, 0.3080,
0.3326

23.7910, 0.3916,
0.2897

69.5058, 0.2991,
0.3399

19.8482, 0.4193,
0.2822

81.2568, 0.2919,
0.3466

16.8015, 0.4507,
0.2768

89.4177, 0.2854,
0.3449

■ 14.5787, 0.4848,
0.2748

■ 90.2192, 0.2788,
0.3309

■ 13.0964, 0.5194,
0.2773

■ 90.3436, 0.2778,
0.3289

■ 12.2525, 0.5515,
0.2846

■ 11.9841, 0.5652,
0.2887

Harmonies

Analogous

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



41.6075, 0.3140, 0.3042



41.6075, 0.3321, 0.3162



41.6075, 0.3451, 0.3316

Triad

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



41.6075, 0.3321, 0.3162



41.6075, 0.3289, 0.3615



41.6075, 0.2776, 0.3097

Complementary

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



41.6075, 0.3321, 0.3162



50.5388, 0.2965, 0.3422

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.



41.6075, 0.2813, 0.3250



41.6075, 0.3321, 0.3162



41.6075, 0.3106, 0.3557

Square

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



41.6075, 0.3321, 0.3162



41.6075, 0.3431, 0.3579



41.6075, 0.2933, 0.3421



41.6075, 0.2829, 0.3002

Rectangle

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



41.6075, 0.3321, 0.3162



41.6075, 0.3490, 0.3420



41.6075, 0.2933, 0.3421



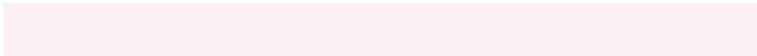
41.6075, 0.2778, 0.3143

Sweetspot

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



41.6093, 0.3321, 0.3162



89.5316, 0.3185, 0.3249



41.1670, 0.3055, 0.2904



19.3624, 0.3193, 0.3243



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.6093, 0.3321, 0.3162



70.6905, 0.3365, 0.3137



43.0711, 0.3403, 0.3356



10.1320, 0.3238, 0.3214



7.8021, 0.5616, 0.2868



0.3500, 0.4978, 0.2516

Inverse Universe

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



41.6093, 0.3321, 0.3162



70.6905, 0.3365, 0.3137



48.7714, 0.2894, 0.3224



10.1320, 0.3238, 0.3214



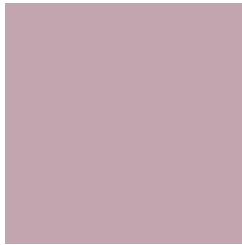
7.8021, 0.5616, 0.2868



0.3500, 0.4978, 0.2516

Previews

White Background



This preview shows how the Yxy color 41.6075, 0.3321, 0.3162 looks on a white background.

Color Contrast Check

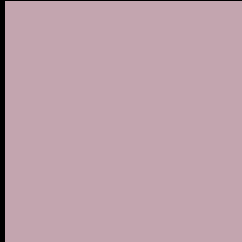
Large Text (above 18pt) WCAG AA × Fail

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 41.6075, 0.3321, 0.3162 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 41.6075, 0.3321, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 41.6075, 0.3321, 0.3162.



This preview shows how white text looks on a background with the Yxy color 41.6075, 0.3321, 0.3162.

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

41.6075, 0.3321, 0.3162

Protanopia

41.7584, 0.3087, 0.3195

Deuteranopia

41.5514, 0.3262, 0.3186



Tritanopia

41.6867, 0.3303, 0.3136

Trichromacy



Original Color

41.6075, 0.3321, 0.3162

Protanomaly

41.5354, 0.3169, 0.3171

Deuteranomaly

41.4439, 0.3282, 0.3173

Tritanomaly

41.6470, 0.3312, 0.3149

Monochromacy



Original Color

41.6075, 0.3321, 0.3162

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1660, 0.3193, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6075, 0.3321, 0.3162 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(195, 165, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 165, 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(195, 165, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 165, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.6075, 0.3321, 0.3162 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(195, 165, 175) }
```

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

```
.border{ border-color:rgb(195, 165, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 165, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 165, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 165, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 165,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6075, 0.3321, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 165, 175) }
```

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

```
.background{ background-color: rgb(195,  
165, 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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