

Converting Colors

$Yxy(41.1925, 0.3246, 0.3129)$

Have a look what the booklet for
Yxy(41.1925, 0.3246, 0.3129)
contains.

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Color

Yxy(41.0718, 0.3247, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	BEA5B2
RGB	190, 165, 178
RGB Percent	75%, 65%, 70%
CMY	0.2548, 0.3530, 0.3019
CMYK	0.00, 0.13, 0.06, 0.25
HSL	329°, 16%, 70%
HSV	329°, 13%, 75%
XYZ	42.7299, 41.0718, 47.7965
YIQ	173.9570, 10.7270, 9.3430

Conversions

Conversions Part 2

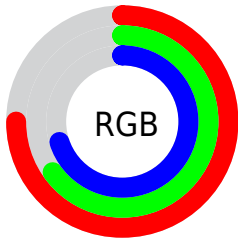
Format	Color
R _Y B	190, 165, 178
Decimal	12494258
CIE Lab	70.23, 11.37, -3.33
CIE LCh	70, 11.846, 343.655
Yxy	41.0718, 0.3247, 0.3121
Android (android.graphics.Color)	4290684338 (0xFFBEA5B2)
YUV	173.9570, 1.9932, 14.0697
Hunter-Lab	64.0873, 6.8614, 0.6425

Details

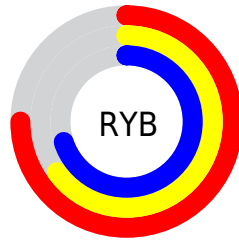
The Yxy color **41.0718, 0.3247, 0.3121** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.0094, 0.3022, 0.3465**, and the grayscale version is **42.2916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7197, 0.3219, 0.3148**, and **18.5252, 0.3281, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **34.3661, 0.3359, 0.2986**, and if you desaturate by 10%, it is **48.8239, 0.3153, 0.3251**.

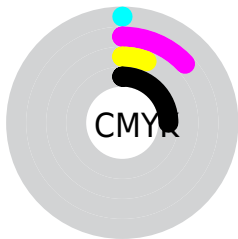
Distribution



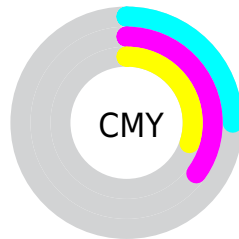
- Red (75%)
- Green (65%)
- Blue (70%)



- Red (75%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (25%)





- Cyan (25%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0718, 0.3247, 0.3121 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 41.0718, 0.3247, 0.3121 by changing the saturation by 10% instead.


 41.0718, 0.3247,
0.3121


 41.0718, 0.3247,
0.3121

350.6206, 0.3186,
0.3206

 28.3752, 0.3262,
0.3099


 76.7929, 0.3225,
0.3152

 18.6087, 0.3282,
0.3072


 100.5861, 0.3216,
0.3164

 11.3879, 0.3309,
0.3034


128.8471, 0.3210,
0.3174

 6.3284, 0.3347,
0.2982

161.9601, 0.3204,
0.3182

 3.0458, 0.3405,
0.2902

200.3095, 0.3198,
0.3189

 1.1557, 0.3505,
0.2766

244.2798, 0.3194,

 0.0250, 0.5136,

0.3196

0.0427

294.2554, 0.3190,
0.3201

0.0000, 0.0000,
0.0000

41.0718, 0.3247,
0.3121

41.0718, 0.3247,
0.3121

34.3661, 0.3359,
0.2986

48.8239, 0.3153,
0.3251

28.6563, 0.3493,
0.2848

57.6594, 0.3076,
0.3372

23.8954, 0.3651,
0.2713

67.6202, 0.3011,
0.3485

20.0309, 0.3832,
0.2588

78.7444, 0.2958,
0.3589

17.0048, 0.4037,
0.2485

87.8314, 0.2912,
0.3633

■ 14.7525, 0.4260,
0.2416

■ 88.3388, 0.2865,
0.3531

■ 13.1997, 0.4493,
0.2391

■ 88.8732, 0.2818,
0.3430

■ 12.2571, 0.4724,
0.2419

■ 89.4349, 0.2772,
0.3331

■ 11.8462, 0.4879,
0.2462

■ 89.6897, 0.2752,
0.3289

Harmonies

Analogous

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



41.0718, 0.3072, 0.3028



41.0718, 0.3247, 0.3121



41.0718, 0.3393, 0.3257

Triad

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



41.0718, 0.3247, 0.3121



41.0718, 0.3337, 0.3592



41.0718, 0.2800, 0.3160

Complementary

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



41.0718, 0.3247, 0.3121



48.0094, 0.3022, 0.3465

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.



41.0718, 0.2867, 0.3315



41.0718, 0.3247, 0.3121



41.0718, 0.3175, 0.3571

Square

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



41.0718, 0.3247, 0.3121



41.0718, 0.3445, 0.3529



41.0718, 0.3003, 0.3468



41.0718, 0.2818, 0.3046

Rectangle

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



41.0718, 0.3247, 0.3121



41.0718, 0.3451, 0.3357



41.0718, 0.3003, 0.3468



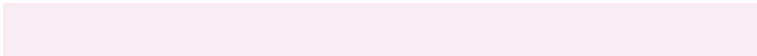
41.0718, 0.2814, 0.3209

Sweetspot

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



41.0736, 0.3247, 0.3121



87.1175, 0.3161, 0.3239



39.9369, 0.3022, 0.2958



18.8831, 0.3168, 0.3230



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.0736, 0.3247, 0.3121



70.4601, 0.3280, 0.3080



40.6061, 0.3357, 0.3280



9.6170, 0.3209, 0.3171



7.8912, 0.4852, 0.2446



0.3223, 0.4356, 0.2173

Inverse Universe

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



41.0736, 0.3247, 0.3121



70.4601, 0.3280, 0.3080



48.5167, 0.2935, 0.3301



9.6170, 0.3209, 0.3171



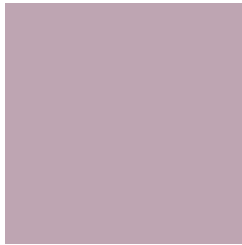
7.8912, 0.4852, 0.2446



0.3223, 0.4356, 0.2173

Previews

White Background



This preview shows how the Yxy color 41.0718, 0.3247, 0.3121 looks on a white background.

Color Contrast Check

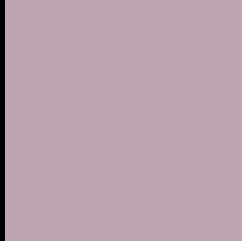
Large Text (above 18pt) WCAG AA × Fail

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 41.0718, 0.3247, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

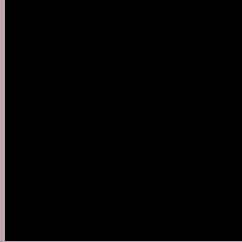
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0718, 0.3247, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 41.0718, 0.3247, 0.3121.



This preview shows how white text looks on a background with the Yxy color 41.0718, 0.3247, 0.3121.

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

41.0718, 0.3247, 0.3121

Protanopia

41.2327, 0.3054, 0.3154

Deuteranopia

41.2909, 0.3208, 0.3146



Tritanopia

41.0718, 0.3247, 0.3121

Trichromacy



Original Color

41.0718, 0.3247, 0.3121

Protanomaly

41.2549, 0.3125, 0.3143

Deuteranomaly

41.0516, 0.3218, 0.3133

Tritanomaly

41.0718, 0.3247, 0.3121

Monochromacy



Original Color

41.0718, 0.3247, 0.3121

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9243, 0.3175, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0718, 0.3247, 0.3121 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(190, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 165, 178)  
}
```

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(190, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 165, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.0718, 0.3247, 0.3121 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(190, 165, 178) }
```

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

```
.border{ border-color:rgb(190, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 165,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0718, 0.3247, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 165, 178) }
```

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

```
.background{ background-color: rgb(190,  
165, 178) }
```

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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