

Converting Colors

$Yxy(42.5327, 0.3243, 0.3173)$

Have a look what the booklet for
Yxy(42.5327, 0.3243, 0.3173)
contains.

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Color

Yxy(42.5374, 0.3242, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	BEA9B2
RGB	190, 169, 178
RGB Percent	75%, 66%, 70%
CMY	0.2551, 0.3372, 0.3020
CMYK	0.00, 0.11, 0.06, 0.26
HSL	334°, 14%, 70%
HSV	334°, 11%, 74%
XYZ	43.4487, 42.5374, 48.0321
YIQ	176.3050, 9.6270, 7.2510

Conversions

Conversions Part 2

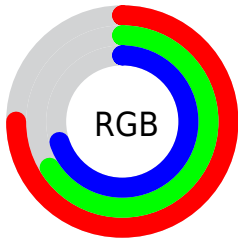
Format	Color
RYB	190, 169, 178
Decimal	12495282
CIELab	71.24, 9.13, -1.84
CIELCh	71, 9.316, 348.638
Yxy	42.5374, 0.3242, 0.3174
Android (android.graphics.Color)	4290685362 (0xFFBEA9B2)
YUV	176.3050, 0.8356, 12.0105
Hunter-Lab	65.2207, 4.7769, 1.9900

Details

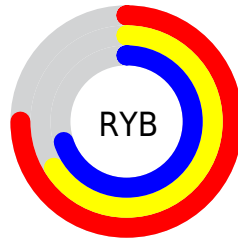
The Yxy color $42.5374, 0.3242, 0.3174$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.5794, 0.3025, 0.3409$, and the grayscale version is $43.5733, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8447, 0.3216, 0.3189$, and $19.5216, 0.3287, 0.3149$ is the 20% darker color. If you saturate the color by 10%, you get $35.5572, 0.3370, 0.3063$, and if you desaturate by 10%, it is $50.5826, 0.3137, 0.3280$.

Distribution



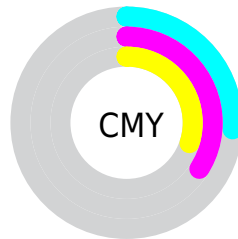
- Red (75%)
- Green (66%)
- Blue (70%)



- Red (75%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (26%)



- Cyan (26%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5374, 0.3242, 0.3174 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 42.5374, 0.3242, 0.3174 by changing the saturation by 10% instead.


 42.5374, 0.3242,
0.3174


 42.5374, 0.3242,
0.3174


356.7059, 0.3184,
0.3233

 29.5223, 0.3257,
0.3159

 79.0123, 0.3221,
0.3195

 19.4763, 0.3276,
0.3140


 103.2409, 0.3213,
0.3203

 12.0149, 0.3301,
0.3115


131.9762, 0.3206,
0.3210

 6.7539, 0.3338,
0.3079

165.6025, 0.3200,
0.3216

 3.3086, 0.3393,
0.3024

204.5042, 0.3195,
0.3221

 1.2949, 0.3488,
0.2931

249.0657, 0.3191,

 0.1373, 0.4599,

0.3225

0.1786

299.6715, 0.3187,
0.3229

0.0000, 0.0000,
0.0000

42.5374, 0.3242,
0.3174

42.5374, 0.3242,
0.3174

35.5572, 0.3370,
0.3063

50.5826, 0.3137,
0.3280

29.5917, 0.3523,
0.2948

59.7295, 0.3050,
0.3378

24.5944, 0.3707,
0.2835

70.0198, 0.2979,
0.3469

20.5136, 0.3923,
0.2729

81.4913, 0.2920,
0.3553

17.2921, 0.4170,
0.2642

88.3035, 0.2867,
0.3536

■ 14.8666, 0.4444,
0.2584

■ 88.9409, 0.2811,
0.3416

■ 13.1648, 0.4733,
0.2569

■ 89.6172, 0.2757,
0.3299

■ 12.1009, 0.5020,
0.2605

■ 89.6810, 0.2752,
0.3289

■ 11.5403, 0.5266,
0.2675

Harmonies

Analogous

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



42.5374, 0.3107, 0.3094



42.5374, 0.3242, 0.3174



42.5374, 0.3347, 0.3285

Triad

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



42.5374, 0.3242, 0.3174



42.5374, 0.3272, 0.3526



42.5374, 0.2869, 0.3172

Complementary

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



42.5374, 0.3242, 0.3174



48.5794, 0.3025, 0.3409

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.



42.5374, 0.2912, 0.3290



42.5374, 0.3242, 0.3174



42.5374, 0.3142, 0.3498

Square

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



42.5374, 0.3242, 0.3174



42.5374, 0.3364, 0.3488



42.5374, 0.3011, 0.3410



42.5374, 0.2894, 0.3090

Rectangle

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



42.5374, 0.3242, 0.3174



42.5374, 0.3385, 0.3362



42.5374, 0.3011, 0.3410



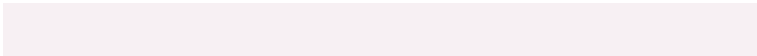
42.5374, 0.2876, 0.3209

Sweetspot

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



42.5393, 0.3242, 0.3174



88.5941, 0.3157, 0.3259



41.9097, 0.3059, 0.3016



19.1850, 0.3165, 0.3250



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.



42.5393, 0.3242, 0.3174



74.1931, 0.3268, 0.3150



42.7129, 0.3319, 0.3309



9.6024, 0.3223, 0.3192



7.6931, 0.5234, 0.2657



0.3145, 0.4630, 0.2324

Inverse Universe

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



42.5393, 0.3242, 0.3174



74.1931, 0.3268, 0.3150



48.3579, 0.2960, 0.3271



9.6024, 0.3223, 0.3192



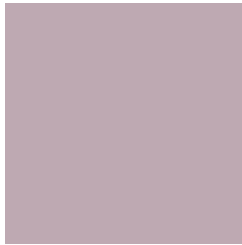
7.6931, 0.5234, 0.2657



0.3145, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 42.5374, 0.3242, 0.3174 looks on a white background.

Color Contrast Check

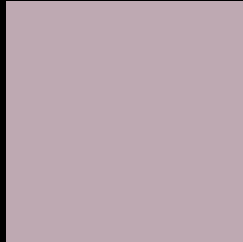
Large Text (above 18pt) WCAG AA × Fail

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 42.5374, 0.3242, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

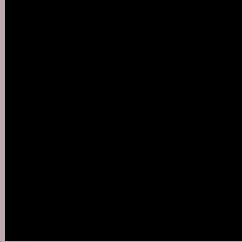
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5374, 0.3242, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 42.5374, 0.3242, 0.3174.



This preview shows how white text looks on a background with the Yxy color 42.5374, 0.3242, 0.3174.

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

42.5374, 0.3242, 0.3174

Protanopia

42.8384, 0.3088, 0.3196

Deuteranopia

42.5374, 0.3242, 0.3174



Tritanopia

42.3298, 0.3209, 0.3109

Trichromacy



Original Color

42.5374, 0.3242, 0.3174

Protanomaly

42.6241, 0.3141, 0.3184

Deuteranomaly

42.5374, 0.3242, 0.3174

Tritanomaly

42.2886, 0.3217, 0.3122

Monochromacy



Original Color

42.5374, 0.3242, 0.3174

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8852, 0.3165, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5374, 0.3242, 0.3174 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, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 169, 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, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 169, 178) }
```

Border

The CSS property to change the border of an element to Yxy 42.5374, 0.3242, 0.3174 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, 169, 178) }
```

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

```
.border{ border-color:rgb(190, 169, 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, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 169, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 169, 178); box-shadow:4px 4px 4px 4px rgb(190, 169, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5374, 0.3242, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 169, 178) }
```

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

```
.background{ background-color: rgb(190,  
169, 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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