

Converting Colors

$Yxy(47.0419, 0.3154, 0.3196)$

Have a look what the booklet for
Yxy(47.0419, 0.3154, 0.3196)
contains.

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Color

Yxy(47.1775, 0.3157, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	BEB4BB
RGB	190, 180, 187
RGB Percent	75%, 71%, 73%
CMY	0.2549, 0.2941, 0.2666
CMYK	0.00, 0.05, 0.02, 0.25
HSL	318°, 7%, 73%
HSV	318°, 5%, 75%
XYZ	46.5290, 47.1775, 53.6771
YIQ	183.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

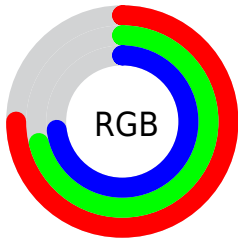
Format	Color
R _Y B	190, 180, 187
Decimal	12498107
CIE Lab	74.30, 4.82, -2.30
CIE LCh	74, 5.344, 334.526
Yxy	47.1775, 0.3157, 0.3201
Android (android.graphics.Color)	4290688187 (0xFFBEB4BB)
YUV	183.7880, 1.5835, 5.4479
Hunter-Lab	68.6859, 0.7187, 1.7458

Details

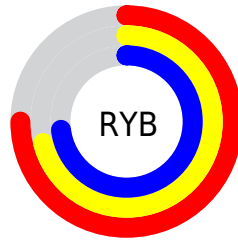
The Yxy color $47.1775, 0.3157, 0.3201$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.9527, 0.3099, 0.3381$, and the grayscale version is $47.8013, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0548, 0.3150, 0.3221$, and $22.2183, 0.3168, 0.3170$ is the 20% darker color. If you saturate the color by 10%, you get $39.7880, 0.3221, 0.3026$, and if you desaturate by 10%, it is $55.6324, 0.3103, 0.3368$.

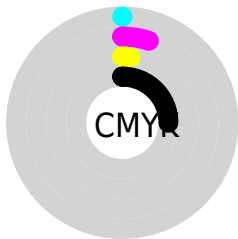
Distribution



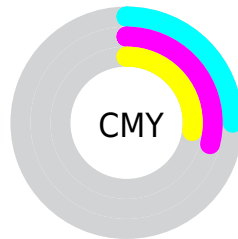
- Red (75%)
- Green (71%)
- Blue (73%)



- Red (75%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (25%)





- Cyan (25%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1775, 0.3157, 0.3201 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 47.1775, 0.3157, 0.3201 by changing the saturation by 10% instead.


 47.1775, 0.3157,
0.3201

 47.1775, 0.3157,
0.3201


375.5226, 0.3142,
0.3245

 33.1760, 0.3161,
0.3190


 85.9785, 0.3152,
0.3217

 22.2613, 0.3165,
0.3176


111.5468, 0.3150,
0.3223

 14.0490, 0.3171,
0.3158


141.7395, 0.3148,
0.3228

 8.1548, 0.3180,
0.3132

176.9410, 0.3147,
0.3233

 4.1941, 0.3192,
0.3094

217.5356, 0.3145,
0.3236

 1.7827, 0.3213,
0.3032

263.9079, 0.3144,


 0.4764, 0.3305,


0.3240


0.2759


316.4420, 0.3143,
0.3243


 0.0000, 0.0000,
0.0000


 47.1775, 0.3157,
0.3201


 47.1775, 0.3157,
0.3201

 39.7880, 0.3221,
0.3026


 55.6324, 0.3103,
0.3368


 33.4151, 0.3297,
0.2845

 65.1866, 0.3057,
0.3524

 28.0153, 0.3383,
0.2664

 75.8804, 0.3018,
0.3669

 23.5397, 0.3482,
0.2490

 87.1080, 0.2986,
0.3792

 19.9350, 0.3592,
0.2331

 87.3955, 0.2956,
0.3727

■ 17.1425, 0.3710,
0.2198

■ 87.6933, 0.2926,
0.3662

■ 15.0961, 0.3835,
0.2102

■ 88.0012, 0.2896,
0.3598

■ 13.7194, 0.3961,
0.2050

■ 88.3195, 0.2866,
0.3534

■ 12.9188, 0.4085,
0.2048

■ 88.6482, 0.2837,
0.3471

Harmonies

Analogous

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



47.1775, 0.3082, 0.3168



47.1775, 0.3157, 0.3201



47.1775, 0.3225, 0.3257

Triad

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



47.1775, 0.3157, 0.3201



47.1775, 0.3235, 0.3415



47.1775, 0.2990, 0.3255

Complementary

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



47.1775, 0.3157, 0.3201



49.9527, 0.3099, 0.3381

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.



47.1775, 0.3030, 0.3323



47.1775, 0.3157, 0.3201



47.1775, 0.3171, 0.3416

Square

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



47.1775, 0.3157, 0.3201



47.1775, 0.3270, 0.3381



47.1775, 0.3096, 0.3382



47.1775, 0.2986, 0.3198

Rectangle

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



47.1775, 0.3157, 0.3201



47.1775, 0.3256, 0.3301



47.1775, 0.3096, 0.3382



47.1775, 0.3000, 0.3277

Sweetspot

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



47.1795, 0.3157, 0.3201



90.2282, 0.3138, 0.3256



46.4079, 0.3072, 0.3161



19.8467, 0.3138, 0.3258



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.



47.1795, 0.3157, 0.3201



84.3040, 0.3162, 0.3187



46.9753, 0.3196, 0.3263



10.1153, 0.3165, 0.3179



8.4238, 0.4128, 0.2048



0.3410, 0.3859, 0.1900

Inverse Universe

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



47.1795, 0.3157, 0.3201



84.3040, 0.3162, 0.3187



50.1581, 0.3062, 0.3318



10.1153, 0.3165, 0.3179



8.4238, 0.4128, 0.2048



0.3410, 0.3859, 0.1900

Previews

White Background



This preview shows how the Yxy color 47.1775, 0.3157, 0.3201 looks on a white background.

Color Contrast Check

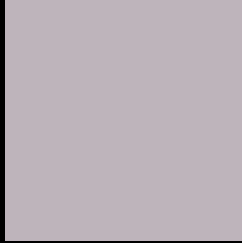
Large Text (above 18pt) WCAG AA × Fail

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 47.1775, 0.3157, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

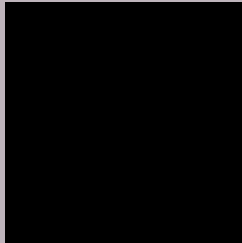
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

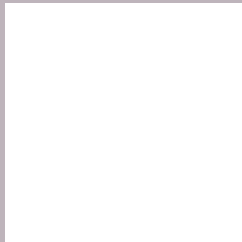
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1775, 0.3157, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 47.1775, 0.3157, 0.3201.



This preview shows how white text looks on a background with the Yxy color 47.1775, 0.3157, 0.3201.

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

47.1775, 0.3157, 0.3201

Protanopia

47.2771, 0.3097, 0.3213

Deuteranopia

47.0809, 0.3221, 0.3153



Tritanopia

47.1668, 0.3118, 0.3114

Trichromacy



Original Color

47.1775, 0.3157, 0.3201

Protanomaly

47.1177, 0.3114, 0.3200

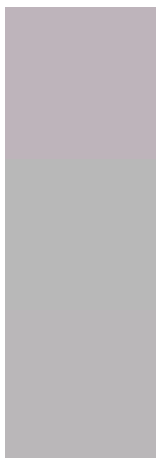
Deuteranomaly

47.0737, 0.3194, 0.3165

Tritanomaly

47.0782, 0.3134, 0.3139

Monochromacy



Original Color

47.1775, 0.3157, 0.3201

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.8089, 0.3137, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1775, 0.3157, 0.3201 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, 180, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 180, 187)  
}
```

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, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 180, 187) }
```

Border

The CSS property to change the border of an element to Yxy 47.1775, 0.3157, 0.3201 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, 180, 187) }
```

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

```
.border{ border-color:rgb(190, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 180,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1775, 0.3157, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 180, 187) }
```

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

```
.background{ background-color: rgb(190,  
180, 187) }
```

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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