

Converting Colors

Yxy(40.6807, 0.3162, 0.3148)

Have a look what the booklet for
Yxy(40.6807, 0.3162, 0.3148)
contains.

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Color

Yxy(40.6755, 0.3162, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	B5A7B2
RGB	181, 167, 178
RGB Percent	71%, 65%, 70%
CMY	0.2900, 0.3452, 0.3019
CMYK	0.00, 0.08, 0.02, 0.29
HSL	313°, 9%, 68%
HSV	313°, 8%, 71%
XYZ	40.9214, 40.6755, 47.8193
YIQ	172.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

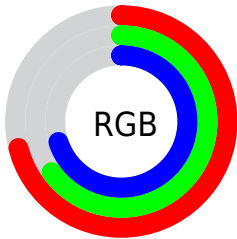
Format	Color
RYB	181, 167, 178
Decimal	11904946
CIELab	69.95, 7.08, -3.84
CIELCh	70, 8.057, 331.556
Yxy	40.6755, 0.3162, 0.3143
Android (android.graphics.Color)	4290095026 (0xFFB5A7B2)
YUV	172.4400, 2.7411, 7.5071
Hunter-Lab	63.7773, 2.9204, 0.1894

Details

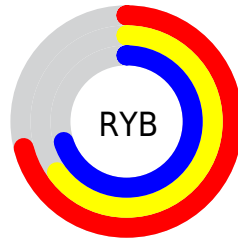
The Yxy color $40.6755, 0.3162, 0.3143$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.1886, 0.3094, 0.3442$, and the grayscale version is $41.4778, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.1876, 0.3154, 0.3166$, and $18.3313, 0.3174, 0.3106$ is the 20% darker color. If you saturate the color by 10%, you get $34.3468, 0.3213, 0.2947$, and if you desaturate by 10%, it is $47.9410, 0.3118, 0.3331$.

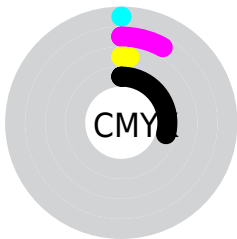
Distribution



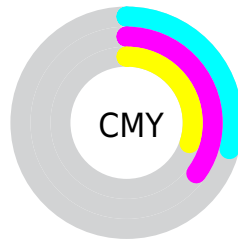
- Red (71%)
- Green (65%)
- Blue (70%)



- Red (71%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (29%)





- Cyan (29%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6755, 0.3162, 0.3143 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 40.6755, 0.3162, 0.3143 by changing the saturation by 10% instead.


 40.6755, 0.3162,
0.3143


 40.6755, 0.3162,
0.3143


348.9625, 0.3145,
0.3217

 28.0656, 0.3166,
0.3124


 76.1910, 0.3156,
0.3170

 18.3751, 0.3172,
0.3100


 99.8655, 0.3153,
0.3180

 11.2196, 0.3179,
0.3067


127.9969, 0.3151,
0.3189

 6.2148, 0.3190,
0.3020

160.9697, 0.3150,
0.3196

 2.9761, 0.3205,
0.2949

199.1683, 0.3148,
0.3203

 1.1193, 0.3231,
0.2828

242.9770, 0.3147,

 0.0000, 0.3899,

0.3208

0.0000

292.7803, 0.3146,
0.3213

■ 0.0000, 0.0000,
0.0000

■ 40.6755, 0.3162,
0.3143

■ 40.6755, 0.3162,
0.3143

■ 34.3468, 0.3213,
0.2947

■ 47.9410, 0.3118,
0.3331

■ 28.9112, 0.3272,
0.2748

■ 56.1741, 0.3080,
0.3509

■ 24.3293, 0.3338,
0.2551

■ 65.4108, 0.3049,
0.3674

■ 20.5568, 0.3412,
0.2364

■ 75.6838, 0.3022,
0.3827

■ 17.5455, 0.3491,
0.2196

■ 85.4100, 0.2999,
0.3943

■ 15.2418, 0.3575,
0.2058

■ 85.5928, 0.2979,
0.3896

■ 13.5854, 0.3661,
0.1959

■ 85.7803, 0.2958,
0.3850

■ 12.5057, 0.3745,
0.1904

■ 85.9725, 0.2937,
0.3804

■ 11.8935, 0.3827,
0.1892

■ 86.1695, 0.2917,
0.3758

Harmonies

Analogous

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



40.6755, 0.3044, 0.3095



40.6755, 0.3162, 0.3143



40.6755, 0.3273, 0.3228

Triad

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



40.6755, 0.3162, 0.3143



40.6755, 0.3306, 0.3485



40.6755, 0.2915, 0.3244

Complementary

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



40.6755, 0.3162, 0.3143



44.1886, 0.3094, 0.3442

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.



40.6755, 0.2982, 0.3352



40.6755, 0.3162, 0.3143



40.6755, 0.3208, 0.3493

Square

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



40.6755, 0.3162, 0.3143



40.6755, 0.3357, 0.3424



40.6755, 0.3089, 0.3444



40.6755, 0.2903, 0.3151

Rectangle

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



40.6755, 0.3162, 0.3143



40.6755, 0.3326, 0.3296



40.6755, 0.3089, 0.3444



40.6755, 0.2932, 0.3279

Sweetspot

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



40.6773, 0.3162, 0.3143



80.0532, 0.3136, 0.3252



39.4939, 0.3035, 0.3097



17.3332, 0.3135, 0.3254



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.6773, 0.3162, 0.3143



71.1423, 0.3169, 0.3116



40.4106, 0.3221, 0.3233



9.1285, 0.3170, 0.3113



8.4252, 0.3836, 0.1887



0.3054, 0.3645, 0.1782

Inverse Universe

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



40.6773, 0.3162, 0.3143



71.1423, 0.3169, 0.3116



44.4530, 0.3041, 0.3347



9.1285, 0.3170, 0.3113



8.4252, 0.3836, 0.1887



0.3054, 0.3645, 0.1782

Previews

White Background



This preview shows how the Yxy color 40.6755, 0.3162, 0.3143 looks on a white background.

Color Contrast Check

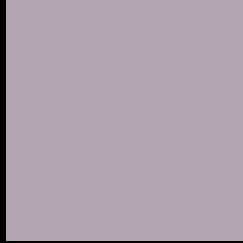
Large Text (above 18pt) WCAG AA × Fail

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 40.6755, 0.3162, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

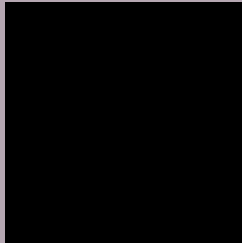
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6755, 0.3162, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 40.6755, 0.3162, 0.3143.



This preview shows how white text looks on a background with the Yxy color 40.6755, 0.3162, 0.3143.

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

40.6755, 0.3162, 0.3143

Protanopia

40.7027, 0.3053, 0.3154

Deuteranopia

40.6771, 0.3190, 0.3131



Tritanopia

40.7565, 0.3144, 0.3117

Trichromacy



Original Color

40.6755, 0.3162, 0.3143

Protanomaly

40.7446, 0.3097, 0.3155

Deuteranomaly

40.5541, 0.3181, 0.3131

Tritanomaly

40.7159, 0.3153, 0.3130

Monochromacy



Original Color

40.6755, 0.3162, 0.3143

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9194, 0.3139, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6755, 0.3162, 0.3143 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(181, 167, 178)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 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(181, 167, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 178) }
```

Border

The CSS property to change the border of an element to Yxy 40.6755, 0.3162, 0.3143 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(181, 167, 178) }
```

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

```
.border{ border-color:rgb(181, 167, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 178);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6755, 0.3162, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 178) }
```

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

```
.background{ background-color: rgb(181,  
167, 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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