

Converting Colors

$Yxy(40.0639, 0.3277, 0.3380)$

Have a look what the booklet for
Yxy(40.0639, 0.3277, 0.3380)
contains.

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Color

Yxy(40.0435, 0.3281, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	B2A8A1
RGB	178, 168, 161
RGB Percent	70%, 66%, 63%
CMY	0.3020, 0.3411, 0.3687
CMYK	0.00, 0.06, 0.10, 0.30
HSL	25°, 10%, 66%
HSV	25°, 10%, 70%
XYZ	38.7903, 40.0435, 39.3933
YIQ	170.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

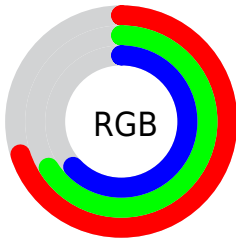
Format	Color
RYB	178, 173, 161
Decimal	11708577
CIELab	69.50, 2.34, 4.90
CIELCh	70, 5.433, 64.470
Yxy	40.0435, 0.3281, 0.3387
Android (android.graphics.Color)	4289898657 (0xFFB2A8A1)
YUV	170.1920, -4.5317, 6.8476
Hunter-Lab	63.2799, -1.3202, 7.3865

Details

The Yxy color $40.0435, 0.3281, 0.3387$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.8930, 0.2982, 0.3191$, and the grayscale version is $40.3181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.2256, 0.3252, 0.3364$, and $17.9765, 0.3318, 0.3405$ is the 20% darker color. If you saturate the color by 10%, you get $35.7622, 0.3467, 0.3495$, and if you desaturate by 10%, it is $44.7268, 0.3120, 0.3286$.

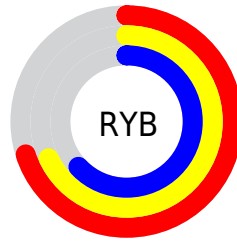
Distribution



Red (70%)

Green (66%)

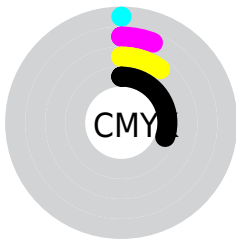
Blue (63%)



Red (70%)

Yellow (68%)

Blue (63%)

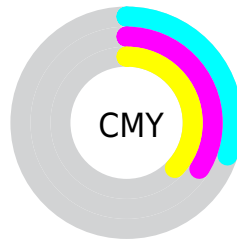


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0435, 0.3281, 0.3387 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 40.0435, 0.3281, 0.3387 by changing the saturation by 10% instead.

 40.0435, 0.3281,
0.3387


 40.0435, 0.3281,
0.3387


346.3069, 0.3202,
0.3338

 27.5725, 0.3301,
0.3400


 75.2297, 0.3252,
0.3369

 18.0036, 0.3328,
0.3416


 98.7138, 0.3241,
0.3362

 10.9526, 0.3365,
0.3438


126.6375, 0.3232,
0.3356

 6.0350, 0.3417,
0.3470

159.3855, 0.3224,
0.3352

 2.8664, 0.3500,
0.3518

197.3420, 0.3217,
0.3347

 1.0624, 0.3658,
0.3613

240.8915, 0.3212,

 0.0000, 1.0000,

0.3344

0.0000

290.4183, 0.3206,
0.3341

0.0000, 0.0000,
0.0000

40.0435, 0.3281,
0.3387

40.0435, 0.3281,
0.3387

35.7622, 0.3467,
0.3495

44.7268, 0.3120,
0.3286

31.8666, 0.3682,
0.3606

49.8174, 0.2982,
0.3191

28.3469, 0.3927,
0.3717

55.3270, 0.2864,
0.3104

25.1912, 0.4201,
0.3822

61.2654, 0.2761,
0.3025

22.3865, 0.4500,
0.3912

67.6420, 0.2673,
0.2952

■ 19.9190, 0.4812,
0.3974

■ 73.6160, 0.2660,
0.3018

■ 17.7739, 0.5120,
0.3996

■ 79.6181, 0.2673,
0.3136

■ 15.9348, 0.5401,
0.3969

■ 85.9739, 0.2686,
0.3251

■ 14.3777, 0.5642,
0.3897

■ 88.2023, 0.2691,
0.3289

Harmonies

Analogous

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



40.0435, 0.3277, 0.3325



40.0435, 0.3281, 0.3387



40.0435, 0.3243, 0.3424

Triad

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



40.0435, 0.3281, 0.3387



40.0435, 0.3023, 0.3325



40.0435, 0.3078, 0.3159

Complementary

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



40.0435, 0.3281, 0.3387



39.8930, 0.2982, 0.3191

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.



40.0435, 0.3011, 0.3157



40.0435, 0.3281, 0.3387



40.0435, 0.2980, 0.3252

Square

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



40.0435, 0.3281, 0.3387



40.0435, 0.3094, 0.3389



40.0435, 0.2976, 0.3191



40.0435, 0.3159, 0.3194

Rectangle

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



40.0435, 0.3281, 0.3387



40.0435, 0.3200, 0.3429



40.0435, 0.2976, 0.3191



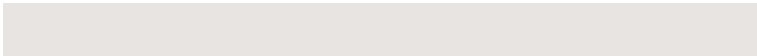
40.0435, 0.3053, 0.3154

Sweetspot

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



40.0453, 0.3281, 0.3387



78.0752, 0.3174, 0.3320



37.8922, 0.3198, 0.3151



17.1452, 0.3187, 0.3328



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.



40.0453, 0.3281, 0.3387



71.3168, 0.3310, 0.3404



43.1944, 0.3269, 0.3498



9.0637, 0.3277, 0.3385



10.3623, 0.5633, 0.3909



0.4423, 0.5137, 0.4303

Inverse Universe

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



39.8930, 0.2982, 0.3191



70.9965, 0.2957, 0.3173



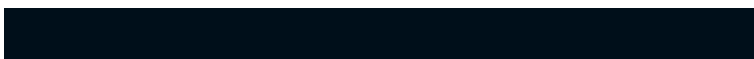
36.8694, 0.2981, 0.3073



9.0301, 0.2986, 0.3194



9.5593, 0.1860, 0.1896



0.4125, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 40.0435, 0.3281, 0.3387 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 40.0435, 0.3281, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

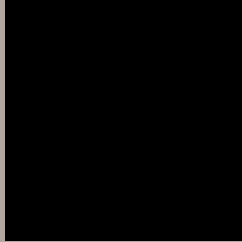
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

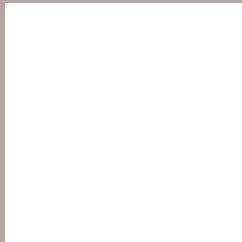
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0435, 0.3281, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 40.0435, 0.3281, 0.3387.

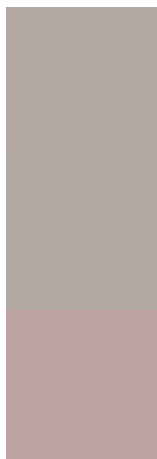


This preview shows how white text looks on a background with the Yxy color 40.0435, 0.3281, 0.3387.

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

40.0435, 0.3281, 0.3387

Protanopia

40.0985, 0.3243, 0.3387

Deuteranopia

39.9784, 0.3384, 0.3317



Tritanopia

39.8279, 0.3154, 0.3116

Trichromacy



Original Color

40.0435, 0.3281, 0.3387

Protanomaly

40.2147, 0.3252, 0.3387

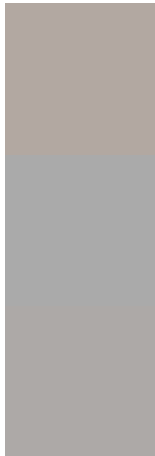
Deuteranomaly

39.8332, 0.3344, 0.3331

Tritanomaly

39.8347, 0.3196, 0.3209

Monochromacy



Original Color

40.0435, 0.3281, 0.3387

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0502, 0.3181, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0435, 0.3281, 0.3387 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(178, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(178, 168, 161)  
}
```

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(178, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 168, 161) }
```

Border

The CSS property to change the border of an element to Yxy 40.0435, 0.3281, 0.3387 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(178, 168, 161) }
```

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

```
.border{ border-color:rgb(178, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(178, 168,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0435, 0.3281, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 168, 161) }
```

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

```
.background{ background-color: rgb(178,  
168, 161) }
```

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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