

Converting Colors

$Y_{xy}(40.7513, 0.3213, 0.3236)$

Have a look what the booklet for
Yxy(40.7513, 0.3213, 0.3236)
contains.

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Color

Yxy(40.8076, 0.3213, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	B5A8AC
RGB	181, 168, 172
RGB Percent	71%, 66%, 67%
CMY	0.2901, 0.3412, 0.3256
CMYK	0.00, 0.07, 0.05, 0.29
HSL	342°, 8%, 68%
HSV	342°, 7%, 71%
XYZ	40.5050, 40.8076, 44.7535
YIQ	172.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

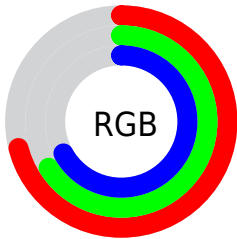
Format	Color
RYB	181, 168, 172
Decimal	11905196
CIELab	70.04, 5.40, -0.36
CIELCh	70, 5.411, 356.224
Yxy	40.8076, 0.3213, 0.3237
Android (android.graphics.Color)	4290095276 (0xFFB5A8AC)
YUV	172.3430, -0.1691, 7.5922
Hunter-Lab	63.8808, 1.3904, 3.1793

Details

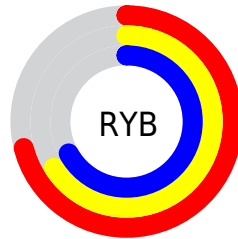
The Yxy color $40.8076, 0.3213, 0.3237$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.5561, 0.3048, 0.3344$, and the grayscale version is $41.4370, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.3259, 0.3200, 0.3249$, and $18.4360, 0.3234, 0.3216$ is the 20% darker color. If you saturate the color by 10%, you get $34.1232, 0.3355, 0.3159$, and if you desaturate by 10%, it is $48.4717, 0.3097, 0.3310$.

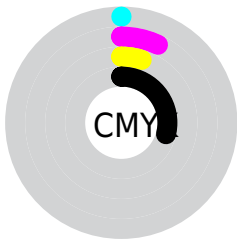
Distribution



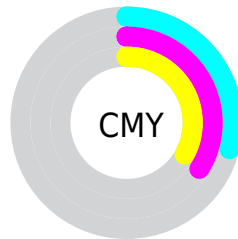
- Red (71%)
- Green (66%)
- Blue (67%)



- Red (71%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (29%)




- Cyan (29%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8076, 0.3213, 0.3237 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 40.8076, 0.3213, 0.3237 by changing the saturation by 10% instead.


 40.8076, 0.3213,
0.3237


 40.8076, 0.3213,
0.3237

349.5158, 0.3169,
0.3264

 28.1688, 0.3224,
0.3230


 76.3917, 0.3197,
0.3247

 18.4529, 0.3239,
0.3221


 100.1058, 0.3191,
0.3251

 11.2757, 0.3259,
0.3209


128.2805, 0.3186,
0.3254

 6.2526, 0.3287,
0.3191

161.3001, 0.3182,
0.3257

 2.9993, 0.3332,
0.3164

199.5490, 0.3178,
0.3259

 1.1313, 0.3410,
0.3116

243.4117, 0.3175,

 0.0045, 0.7984,

0.3261

0.0266

293.2725, 0.3172,
0.3263

0.0000, 0.0000,
0.0000

40.8076, 0.3213,
0.3237

40.8076, 0.3213,
0.3237

34.1232, 0.3355,
0.3159

48.4717, 0.3097,
0.3310

28.3739, 0.3529,
0.3078

57.1476, 0.3002,
0.3377

23.5191, 0.3740,
0.2996

66.8721, 0.2924,
0.3439

19.5134, 0.3993,
0.2919

77.6789, 0.2861,
0.3495

16.3075, 0.4289,
0.2854

87.3391, 0.2805,
0.3510

■ 13.8466, 0.4623,
0.2811

■ 88.0925, 0.2742,
0.3370

■ 12.0694, 0.4981,
0.2802

■ 88.5658, 0.2706,
0.3289

■ 10.9042, 0.5336,
0.2836

■ 10.2484, 0.5658,
0.2914

Harmonies

Analogous

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



40.8076, 0.3137, 0.3183



40.8076, 0.3213, 0.3237



40.8076, 0.3267, 0.3305

Triad

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



40.8076, 0.3213, 0.3237



40.8076, 0.3195, 0.3427



40.8076, 0.2974, 0.3207

Complementary

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



40.8076, 0.3213, 0.3237



44.5561, 0.3048, 0.3344

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.



40.8076, 0.2990, 0.3272



40.8076, 0.3213, 0.3237



40.8076, 0.3116, 0.3401

Square

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



40.8076, 0.3213, 0.3237



40.8076, 0.3256, 0.3416



40.8076, 0.3041, 0.3344



40.8076, 0.2999, 0.3165

Rectangle

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



40.8076, 0.3213, 0.3237



40.8076, 0.3282, 0.3351



40.8076, 0.3041, 0.3344



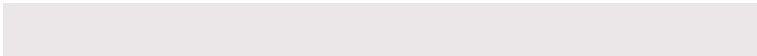
40.8076, 0.2975, 0.3227

Sweetspot

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



40.8094, 0.3213, 0.3237



79.9252, 0.3150, 0.3275



40.6781, 0.3098, 0.3115



17.3069, 0.3149, 0.3276



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.



40.8094, 0.3213, 0.3237



70.5903, 0.3239, 0.3222



41.5485, 0.3245, 0.3322



8.5465, 0.3241, 0.3221



6.9742, 0.5711, 0.2919



0.2301, 0.4906, 0.2476

Inverse Universe

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



40.8094, 0.3213, 0.3237



70.5903, 0.3239, 0.3222



43.7544, 0.3018, 0.3257



8.5465, 0.3241, 0.3221



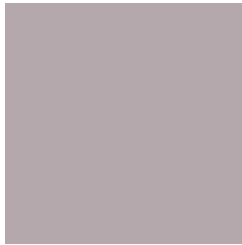
6.9742, 0.5711, 0.2919



0.2301, 0.4906, 0.2476

Previews

White Background



This preview shows how the Yxy color 40.8076, 0.3213, 0.3237 looks on a white background.

Color Contrast Check

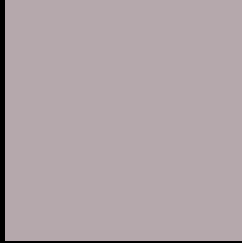
Large Text (above 18pt) WCAG AA × Fail

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 40.8076, 0.3213, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

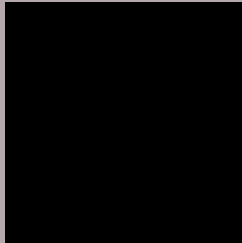
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

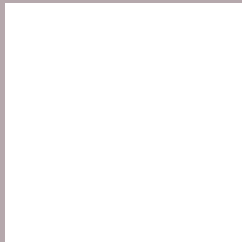
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8076, 0.3213, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 40.8076, 0.3213, 0.3237.



This preview shows how white text looks on a background with the Yxy color 40.8076, 0.3213, 0.3237.

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

40.8076, 0.3213, 0.3237

Protanopia

40.7653, 0.3138, 0.3249

Deuteranopia

40.8158, 0.3271, 0.3211



Tritanopia

40.8778, 0.3154, 0.3118

Trichromacy



Original Color

40.8076, 0.3213, 0.3237

Protanomaly

40.7402, 0.3166, 0.3236

Deuteranomaly

40.9303, 0.3251, 0.3224

Tritanomaly

40.7568, 0.3179, 0.3157

Monochromacy



Original Color

40.8076, 0.3213, 0.3237

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2183, 0.3155, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8076, 0.3213, 0.3237 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, 168, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 172)  
}
```

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, 168, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 172) }
```

Border

The CSS property to change the border of an element to Yxy 40.8076, 0.3213, 0.3237 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, 168, 172) }
```

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

```
.border{ border-color:rgb(181, 168, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8076, 0.3213, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 172) }
```

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

```
.background{ background-color: rgb(181,  
168, 172) }
```

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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