

Converting Colors

$Y_{xy}(42.6502, 0.3261, 0.3287)$

Have a look what the booklet for
Yxy(42.6502, 0.3261, 0.3287)
contains.

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Color

Yxy(42.5435, 0.3255, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BAABAC
RGB	186, 171, 172
RGB Percent	73%, 67%, 67%
CMY	0.2706, 0.3294, 0.3254
CMYK	0.00, 0.08, 0.08, 0.27
HSL	356°, 10%, 70%
HSV	356°, 8%, 73%
XYZ	42.2579, 42.5435, 45.0231
YIQ	175.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

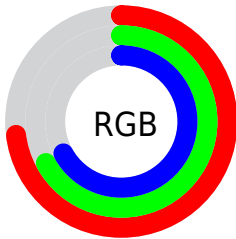
Format	Color
R _Y B	186, 171, 172
Decimal	12233644
CIE Lab	71.24, 5.56, 1.42
CIE LCh	71, 5.742, 14.316
Yxy	42.5435, 0.3255, 0.3277
Android (android.graphics.Color)	4290423724 (0xFFBAABAC)
YUV	175.5990, -1.7743, 9.1217
Hunter-Lab	65.2254, 1.5013, 4.7316

Details

The Yxy color $42.5435, 0.3255, 0.3277$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.2729, 0.3012, 0.3303$, and the grayscale version is $43.2032, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8160, 0.3233, 0.3280$, and $19.5363, 0.3293, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $35.3825, 0.3449, 0.3260$, and if you desaturate by 10%, it is $50.7838, 0.3100, 0.3293$.

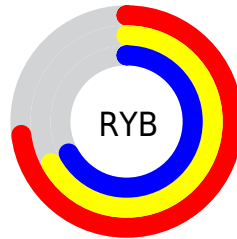
Distribution



Red (73%)

Green (67%)

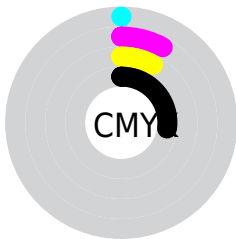
Blue (67%)



Red (73%)

Yellow (67%)

Blue (67%)

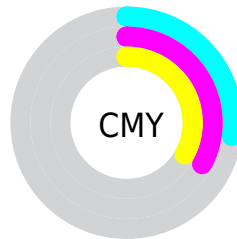


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.5435, 0.3255, 0.3277 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 42.5435, 0.3255, 0.3277 by changing the saturation by 10% instead.

■ 42.5435, 0.3255,
0.3277

■ 42.5435, 0.3255,
0.3277

356.7310, 0.3190,
0.3284

■ 29.5271, 0.3272,
0.3275

■ 79.0215, 0.3231,
0.3280

■ 19.4799, 0.3293,
0.3273

103.2520, 0.3222,
0.3281

■ 12.0176, 0.3322,
0.3269

131.9892, 0.3215,
0.3281

■ 6.7556, 0.3364,
0.3264

165.6176, 0.3208,
0.3282

■ 3.3098, 0.3428,
0.3256

204.5216, 0.3203,
0.3283

■ 1.2955, 0.3540,
0.3241

249.0856, 0.3198,

■ 0.1377, 0.5860,

0.3283

0.3026

299.6939, 0.3194,
0.3284

0.0000, 0.0000,
0.0000

42.5435, 0.3255,
0.3277

42.5435, 0.3255,
0.3277

35.3825, 0.3449,
0.3260

50.7838, 0.3100,
0.3293

29.2509, 0.3689,
0.3242

60.1397, 0.2974,
0.3308

24.1030, 0.3986,
0.3225

70.6526, 0.2873,
0.3321

19.8877, 0.4344,
0.3210

82.3601, 0.2791,
0.3333

16.5490, 0.4760,
0.3199

89.1775, 0.2731,
0.3289

■ 14.0252, 0.5215,
0.3197

■ 12.2464, 0.5663,
0.3207

■ 11.1310, 0.6041,
0.3230

■ 10.5533, 0.6293,
0.3259

Harmonies

Analogous

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



42.5435, 0.3187, 0.3209



42.5435, 0.3255, 0.3277



42.5435, 0.3289, 0.3349

Triad

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



42.5435, 0.3255, 0.3277



42.5435, 0.3149, 0.3422



42.5435, 0.2978, 0.3172

Complementary

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



42.5435, 0.3255, 0.3277



47.2729, 0.3012, 0.3303

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.



42.5435, 0.2969, 0.3228



42.5435, 0.3255, 0.3277



42.5435, 0.3067, 0.3373

Square

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



42.5435, 0.3255, 0.3277



42.5435, 0.3227, 0.3434



42.5435, 0.3001, 0.3302



42.5435, 0.3027, 0.3149

Rectangle

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



42.5435, 0.3255, 0.3277



42.5435, 0.3287, 0.3390



42.5435, 0.3001, 0.3302



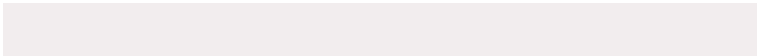
42.5435, 0.2970, 0.3188

Sweetspot

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



42.5454, 0.3255, 0.3277



85.8820, 0.3157, 0.3287



42.9550, 0.3125, 0.3095



18.9472, 0.3156, 0.3287



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.5454, 0.3255, 0.3277



74.2267, 0.3292, 0.3274



44.9207, 0.3256, 0.3372



9.0218, 0.3277, 0.3275



7.0461, 0.6314, 0.3252



0.2517, 0.5987, 0.3072

Inverse Universe

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



42.5454, 0.3255, 0.3277



74.2267, 0.3292, 0.3274



44.7432, 0.3005, 0.3206



9.0218, 0.3277, 0.3275



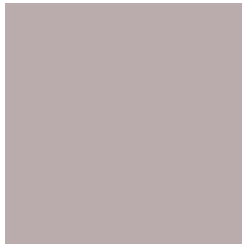
7.0461, 0.6314, 0.3252



0.2517, 0.5987, 0.3072

Previews

White Background



This preview shows how the Yxy color 42.5435, 0.3255, 0.3277 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 42.5435, 0.3255, 0.3277 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 42.5435, 0.3255, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 42.5435, 0.3255, 0.3277.



This preview shows how white text looks on a background with the Yxy color 42.5435, 0.3255, 0.3277.

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

42.5435, 0.3255, 0.3277

Protanopia

42.7931, 0.3163, 0.3290

Deuteranopia

42.5610, 0.3314, 0.3252



Tritanopia

42.3596, 0.3172, 0.3108

Trichromacy



Original Color

42.5435, 0.3255, 0.3277

Protanomaly

42.7280, 0.3199, 0.3290

Deuteranomaly

42.6752, 0.3294, 0.3264

Tritanomaly

42.5689, 0.3205, 0.3173

Monochromacy



Original Color

42.5435, 0.3255, 0.3277

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0705, 0.3172, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5435, 0.3255, 0.3277 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(186, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 171, 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(186, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 171, 172) }
```

Border

The CSS property to change the border of an element to Yxy 42.5435, 0.3255, 0.3277 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(186, 171, 172) }
```

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

```
.border{ border-color:rgb(186, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 171,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5435, 0.3255, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 171, 172) }
```

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

```
.background{ background-color: rgb(186,  
171, 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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