

Converting Colors

$Yxy(42.4372, 0.3225, 0.3388)$

Have a look what the booklet for
Yxy(42.4372, 0.3225, 0.3388)
contains.

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Color

Yxy(42.5271, 0.3221, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	B2AEA7
RGB	178, 174, 167
RGB Percent	70%, 68%, 65%
CMY	0.3021, 0.3176, 0.3451
CMYK	0.00, 0.02, 0.06, 0.30
HSL	38°, 7%, 68%
HSV	38°, 6%, 70%
XYZ	40.4667, 42.5271, 42.6402
YIQ	174.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

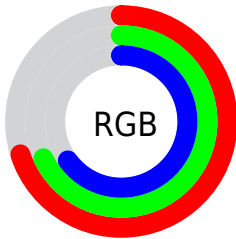
Format	Color
RYB	173, 178, 167
Decimal	11710119
CIELab	71.23, 0.14, 4.08
CIELCh	71, 4.080, 87.998
Yxy	42.5271, 0.3221, 0.3385
Android (android.graphics.Color)	4289900199 (0xFFB2AEA7)
YUV	174.3980, -3.6472, 3.1590
Hunter-Lab	65.2128, -3.3573, 6.8815

Details

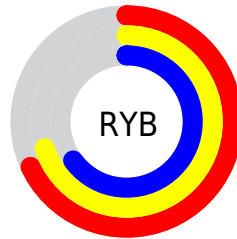
The Yxy color $42.5271, 0.3221, 0.3385$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.5441, 0.3034, 0.3193$, and the grayscale version is $42.5594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8050, 0.3207, 0.3363$, and $19.5168, 0.3245, 0.3422$ is the 20% darker color. If you saturate the color by 10%, you get $39.4909, 0.3387, 0.3546$, and if you desaturate by 10%, it is $45.7764, 0.3072, 0.3233$.

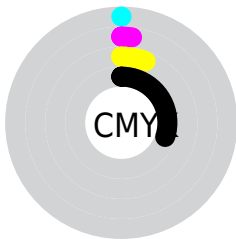
Distribution



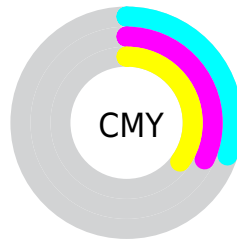
- Red (70%)
- Green (68%)
- Blue (65%)



- Red (68%)
- Yellow (70%)
- Blue (65%)



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (30%)





- Cyan (30%)
- Magenta (32%)
- Yellow (35%)
- Black (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5271, 0.3221, 0.3385 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 42.5271, 0.3221, 0.3385 by changing the saturation by 10% instead.


 42.5271, 0.3221,
0.3385


 42.5271, 0.3221,
0.3385


356.6633, 0.3173,
0.3337

 29.5142, 0.3233,
0.3397


 78.9967, 0.3203,
0.3367

 19.4702, 0.3249,
0.3413


 103.2223, 0.3197,
0.3361

 12.0105, 0.3270,
0.3435

131.9543, 0.3192,
0.3355

 6.7508, 0.3301,
0.3465

165.5770, 0.3187,
0.3350

 3.3068, 0.3347,
0.3512

204.4749, 0.3183,
0.3346

 1.2939, 0.3428,
0.3593

249.0323, 0.3179,

 0.1365, 0.4939,

0.3343

0.5061

299.6336, 0.3176,
0.3340

0.0000, 0.0000,
0.0000

42.5271, 0.3221,
0.3385

42.5271, 0.3221,
0.3385

39.4909, 0.3387,
0.3546

45.7764, 0.3072,
0.3233

36.6570, 0.3570,
0.3712

49.2384, 0.2939,
0.3090

34.0215, 0.3768,
0.3879

52.9197, 0.2820,
0.2958

31.5786, 0.3979,
0.4041

56.8251, 0.2715,
0.2836

29.3219, 0.4196,
0.4187

60.8946, 0.2628,
0.2735

■ 27.2446, 0.4412,
0.4308

■ 64.0555, 0.2636,
0.2810

■ 25.3390, 0.4616,
0.4392

■ 67.3444, 0.2645,
0.2885

■ 23.5967, 0.4799,
0.4430

■ 70.7628, 0.2653,
0.2959

■ 22.0069, 0.4950,
0.4418

■ 74.3121, 0.2661,
0.3033

Harmonies

Analogous

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



42.5271, 0.3242, 0.3353



42.5271, 0.3221, 0.3385



42.5271, 0.3175, 0.3392

Triad

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



42.5271, 0.3221, 0.3385



42.5271, 0.3023, 0.3274



42.5271, 0.3138, 0.3212

Complementary

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



42.5271, 0.3221, 0.3385



40.5441, 0.3034, 0.3193

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.



42.5271, 0.3079, 0.3191



42.5271, 0.3221, 0.3385



42.5271, 0.3014, 0.3226

Square

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



42.5271, 0.3221, 0.3385



42.5271, 0.3061, 0.3327



42.5271, 0.3034, 0.3196



42.5271, 0.3194, 0.3253

Rectangle

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



42.5271, 0.3221, 0.3385



42.5271, 0.3136, 0.3380



42.5271, 0.3034, 0.3196



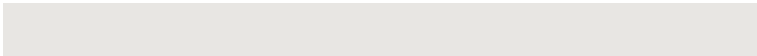
42.5271, 0.3118, 0.3202

Sweetspot

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



42.5290, 0.3221, 0.3385



79.5349, 0.3157, 0.3321



40.0447, 0.3194, 0.3236



17.6349, 0.3156, 0.3319



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.



42.5290, 0.3221, 0.3385



76.6050, 0.3236, 0.3400



43.9088, 0.3204, 0.3438



9.5104, 0.3242, 0.3406



15.4609, 0.4994, 0.4417



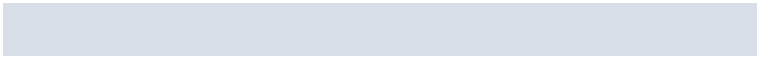
0.5924, 0.4719, 0.4635

Inverse Universe

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



40.5441, 0.3034, 0.3193



72.4671, 0.3020, 0.3177



39.2319, 0.3048, 0.3138



8.9723, 0.3014, 0.3172



5.0561, 0.1661, 0.1178



0.2723, 0.1825, 0.1769

Previews

White Background



This preview shows how the Yxy color 42.5271, 0.3221, 0.3385 looks on a white background.

Color Contrast Check

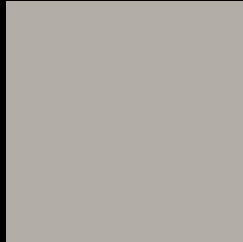
Large Text (above 18pt) WCAG AA × Fail

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 42.5271, 0.3221, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

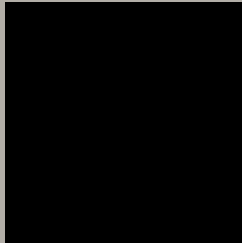
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

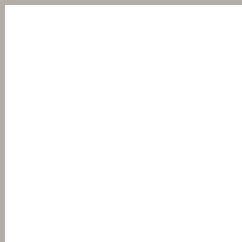
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5271, 0.3221, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 42.5271, 0.3221, 0.3385.



This preview shows how white text looks on a background with the Yxy color 42.5271, 0.3221, 0.3385.

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

42.5271, 0.3221, 0.3385

Protanopia

42.6458, 0.3230, 0.3385

Deuteranopia

42.5405, 0.3359, 0.3304



Tritanopia

42.4524, 0.3100, 0.3106

Trichromacy



Original Color

42.5271, 0.3221, 0.3385

Protanomaly

42.6458, 0.3230, 0.3385

Deuteranomaly

42.6443, 0.3309, 0.3330

Tritanomaly

42.4227, 0.3149, 0.3210

Monochromacy



Original Color

42.5271, 0.3221, 0.3385

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3263, 0.3161, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5271, 0.3221, 0.3385 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, 174, 167)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 167)  
}
```

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, 174, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 167) }
```

Border

The CSS property to change the border of an element to Yxy 42.5271, 0.3221, 0.3385 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, 174, 167) }
```

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

```
.border{ border-color:rgb(178, 174, 167) }
```

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

Here you see how a box with a 4 pixel rgb(178, 174, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 167);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5271, 0.3221, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 167) }
```

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

```
.background{ background-color: rgb(178,  
174, 167) }
```

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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