

Converting Colors

$Yxy(42.2499, 0.3061, 0.3137)$

Have a look what the booklet for
Yxy(42.2499, 0.3061, 0.3137)
contains.

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Color

Yxy(42.0797, 0.3055, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	AFACB8
RGB	175, 172, 184
RGB Percent	69%, 67%, 72%
CMY	0.3137, 0.3255, 0.2783
CMYK	0.05, 0.07, 0.00, 0.28
HSL	255°, 8%, 70%
HSV	255°, 7%, 72%
XYZ	41.0845, 42.0797, 51.3187
YIQ	174.2650, -2.0640, 4.3680

Conversions

Conversions Part 2

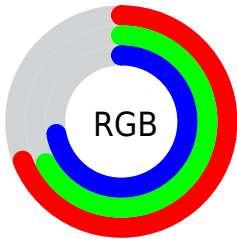
Format	Color
RYB	175, 172, 184
Decimal	11513016
CIELab	70.93, 3.37, -5.77
CIElCh	71, 6.685, 300.277
Yxy	42.0797, 0.3055, 0.3129
Android (android.graphics.Color)	4289703096 (0xFFAFACB8)
YUV	174.2650, 4.7994, 0.6446
Hunter-Lab	64.8689, -0.4680, -1.4969

Details

The Yxy color $42.0797, 0.3055, 0.3129$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.0992, 0.3197, 0.3449$, and the grayscale version is $42.4475, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2184, 0.3072, 0.3155$, and $19.2826, 0.3039, 0.3087$ is the 20% darker color. If you saturate the color by 10%, you get $34.0361, 0.2931, 0.2860$, and if you desaturate by 10%, it is $51.2606, 0.3163, 0.3371$.

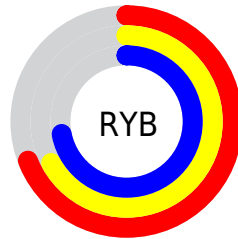
Distribution



Red (69%)

Green (67%)

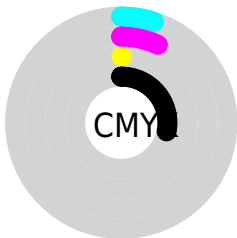
Blue (72%)



Red (69%)

Yellow (67%)

Blue (72%)

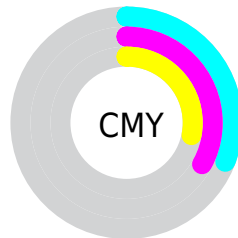


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0797, 0.3055, 0.3129 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 42.0797, 0.3055, 0.3129 by changing the saturation by 10% instead.

■ 42.0797, 0.3055,
0.3129

■ 42.0797, 0.3055,
0.3129

354.8132, 0.3092,
0.3210

■ 29.1637, 0.3046,
0.3108

■ 78.3202, 0.3069,
0.3159

■ 19.2047, 0.3033,
0.3082

102.4136, 0.3074,
0.3170

■ 11.8183, 0.3016,
0.3046

131.0015, 0.3078,
0.3179

■ 6.6201, 0.2992,
0.2996

164.4683, 0.3082,
0.3187

■ 3.2256, 0.2955,
0.2920

203.1985, 0.3085,
0.3194

■ 1.2506, 0.2890,
0.2791

247.5765, 0.3087,

■ 0.1025, 0.2254,

0.3200

0.1285

297.9866, 0.3090,
0.3206

0.0000, 0.0000,
0.0000

42.0797, 0.3055,
0.3129

42.0797, 0.3055,
0.3129

34.0361, 0.2931,
0.2860

51.2606, 0.3163,
0.3371

27.0801, 0.2789,
0.2565

61.6156, 0.3255,
0.3585

21.1657, 0.2631,
0.2250

73.1862, 0.3334,
0.3774

16.2422, 0.2460,
0.1924

86.0105, 0.3400,
0.3940

12.2539, 0.2281,
0.1602

94.2360, 0.3476,
0.4006

■ 9.1400, 0.2103,
0.1301

■ 96.2418, 0.3549,
0.3988

■ 6.8321, 0.1936,
0.1043

■ 5.2512, 0.1791,
0.0845

■ 4.2931, 0.1677,
0.0715

Harmonies

Analogous

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



42.0797, 0.2979, 0.3133



42.0797, 0.3055, 0.3129



42.0797, 0.3152, 0.3167

Triad

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



42.0797, 0.3055, 0.3129



42.0797, 0.3316, 0.3398



42.0797, 0.3012, 0.3344

Complementary

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



42.0797, 0.3055, 0.3129



47.0992, 0.3197, 0.3449

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.



42.0797, 0.3101, 0.3419



42.0797, 0.3055, 0.3129



42.0797, 0.3277, 0.3449

Square

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



42.0797, 0.3055, 0.3129



42.0797, 0.3304, 0.3320



42.0797, 0.3198, 0.3457



42.0797, 0.2954, 0.3256

Rectangle

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



42.0797, 0.3055, 0.3129



42.0797, 0.3215, 0.3210



42.0797, 0.3198, 0.3457



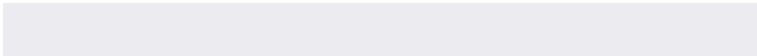
42.0797, 0.3039, 0.3372

Sweetspot

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



42.0815, 0.3055, 0.3129



83.4861, 0.3105, 0.3241



45.3709, 0.3028, 0.3252



18.0358, 0.3107, 0.3244



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.0815, 0.3055, 0.3129



73.7903, 0.3036, 0.3088



42.7703, 0.3106, 0.3132



8.8245, 0.3022, 0.3056



2.8105, 0.1654, 0.0685



0.1291, 0.1935, 0.0840

Inverse Universe

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



43.0377, 0.3159, 0.3172



75.9288, 0.3168, 0.3142



46.4093, 0.3147, 0.3451



9.1235, 0.3174, 0.3120



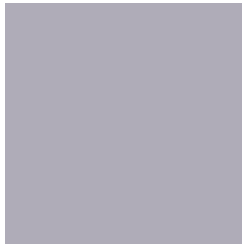
8.3040, 0.3947, 0.1948



0.3020, 0.3719, 0.1822

Previews

White Background



This preview shows how the Yxy color 42.0797, 0.3055, 0.3129 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 42.0797, 0.3055, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

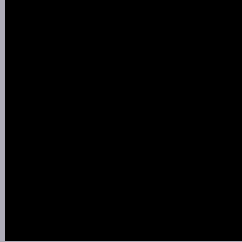
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

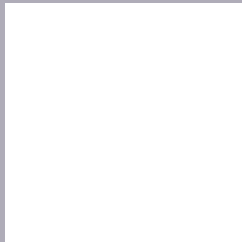
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0797, 0.3055, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 42.0797, 0.3055, 0.3129.

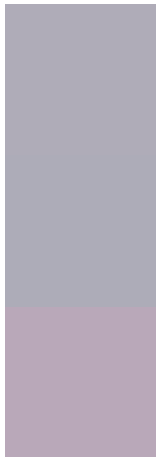


This preview shows how white text looks on a background with the Yxy color 42.0797, 0.3055, 0.3129.

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

42.0797, 0.3055, 0.3129

Protanopia

41.8500, 0.3038, 0.3128

Deuteranopia

41.8223, 0.3138, 0.3068



Tritanopia

42.1218, 0.3047, 0.3116

Trichromacy



Original Color

42.0797, 0.3055, 0.3129

Protanomaly

41.9644, 0.3047, 0.3129

Deuteranomaly

41.7025, 0.3101, 0.3079

Tritanomaly

42.1218, 0.3047, 0.3116

Monochromacy



Original Color

42.0797, 0.3055, 0.3129

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1002, 0.3095, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0797, 0.3055, 0.3129 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(175, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 184)  
}
```

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(175, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.0797, 0.3055, 0.3129 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(175, 172, 184) }
```

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

```
.border{ border-color:rgb(175, 172, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0797, 0.3055, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 184) }
```

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

```
.background{ background-color: rgb(175,  
172, 184) }
```

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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