

Converting Colors

$Yxy(42.6847, 0.2977, 0.3721)$

Have a look what the booklet for
Yxy(42.6847, 0.2977, 0.3721)
contains.

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Color

Yxy(42.6737, 0.2978, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	8CB99C
RGB	140, 185, 156
RGB Percent	55%, 73%, 61%
CMY	0.4510, 0.2745, 0.3883
CMYK	0.24, 0.00, 0.16, 0.27
HSL	141°, 24%, 64%
HSV	141°, 24%, 73%
XYZ	34.1619, 42.6737, 37.8786
YIQ	168.2390, -17.5110, -18.5590

Conversions

Conversions Part 2

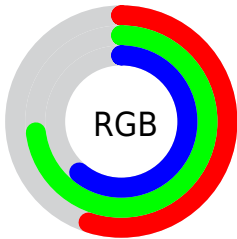
Format	Color
RYB	140, 173, 185
Decimal	9222556
CIELab	71.33, -20.94, 9.91
CIElCh	71, 23.165, 154.664
Yxy	42.6737, 0.2978, 0.3720
Android (android.graphics.Color)	4287412636 (0xFF8CB99C)
YUV	168.2390, -6.0338, -24.7656
Hunter-Lab	65.3251, -20.9720, 11.3484

Details

The Yxy color **42.6737, 0.2978, 0.3720** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.9337, 0.3315, 0.2896**, and the grayscale version is **39.3172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0831, 0.3003, 0.3628**, and **19.6463, 0.2929, 0.3857** is the 20% darker color. If you saturate the color by 10%, you get **40.8168, 0.2922, 0.3931**, and if you desaturate by 10%, it is **44.8440, 0.3038, 0.3529**.

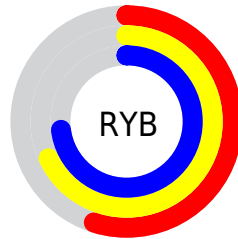
Distribution



Red (55%)

Green (73%)

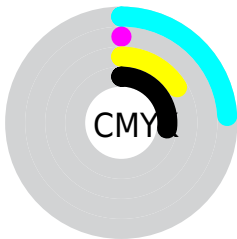
Blue (61%)



Red (55%)

Yellow (68%)

Blue (73%)

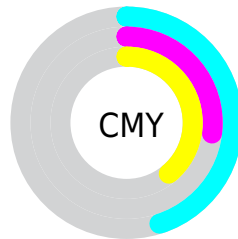


Cyan (24%)

Magenta (0%)

Yellow (16%)

Black (27%)



Cyan (45%)


Magenta (27%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6737, 0.2978, 0.3720 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 42.6737, 0.2978, 0.3720 by changing the saturation by 10% instead.


 42.6737, 0.2978,
0.3720

 42.6737, 0.2978,
0.3720


357.2681, 0.3057,
0.3496


 29.6292, 0.2957,
0.3779


 79.2182, 0.3008,
0.3636

 19.5573, 0.2929,
0.3858


 103.4870, 0.3018,
0.3605

 12.0737, 0.2890,
0.3965


 132.2660, 0.3028,
0.3579

 6.7939, 0.2832,
0.4123

165.9397, 0.3035,
0.3558

 3.3335, 0.2738,
0.4376

204.8923, 0.3042,
0.3539

 1.3082, 0.2559,
0.4913

249.5083, 0.3047,

 0.1476, 0.0000,

0.3522

1.0000

300.1721, 0.3052,
0.3508

0.0000, 0.0000,
0.0000

42.6737, 0.2978,
0.3720

42.6737, 0.2978,
0.3720

40.8168, 0.2922,
0.3931

44.8440, 0.3038,
0.3529

39.2534, 0.2873,
0.4159

47.3362, 0.3100,
0.3358

37.9694, 0.2834,
0.4400

50.1646, 0.3162,
0.3206

36.9474, 0.2808,
0.4649

53.3416, 0.3223,
0.3073

36.1679, 0.2798,
0.4896

56.8786, 0.3282,
0.2957

■ 35.6087, 0.2806,
0.5131

■ 60.7865, 0.3338,
0.2855

■ 35.2431, 0.2831,
0.5345

■ 62.2223, 0.3276,
0.2746

■ 35.0913, 0.2849,
0.5455

■ 62.9528, 0.3186,
0.2636

■ 63.1814, 0.3159,
0.2604

Harmonies

Analogous

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



42.6737, 0.3311, 0.3876



42.6737, 0.2978, 0.3720



42.6737, 0.2696, 0.3429

Triad

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



42.6737, 0.2978, 0.3720



42.6737, 0.2654, 0.2751



42.6737, 0.3762, 0.3414

Complementary

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



42.6737, 0.2978, 0.3720



31.9337, 0.3315, 0.2896

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.



42.6737, 0.3568, 0.3140



42.6737, 0.2978, 0.3720



42.6737, 0.2919, 0.2770

Square

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



42.6737, 0.2978, 0.3720



42.6737, 0.2516, 0.2868



42.6737, 0.3254, 0.2910



42.6737, 0.3774, 0.3673

Rectangle

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



42.6737, 0.2978, 0.3720



42.6737, 0.2570, 0.3213



42.6737, 0.3254, 0.2910



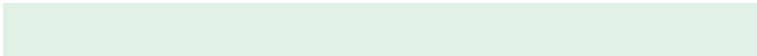
42.6737, 0.3716, 0.3321

Sweetspot

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



42.6755, 0.2978, 0.3720



83.4696, 0.3083, 0.3404



45.0574, 0.3347, 0.3917



17.9361, 0.3079, 0.3413



93.3107, 0.3127, 0.3290



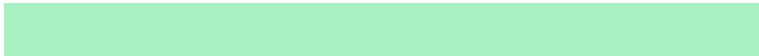
18.7317, 0.3127, 0.3290

Same Dimension

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



42.6755, 0.2978, 0.3720



74.6451, 0.2948, 0.3826



43.5005, 0.2820, 0.3386



10.1114, 0.3069, 0.3441



23.9044, 0.2842, 0.5431



0.8547, 0.2689, 0.4879

Inverse Universe

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



31.9337, 0.3315, 0.2896



52.1993, 0.3365, 0.2810



31.1669, 0.3552, 0.3197



9.1071, 0.3190, 0.3144



7.9491, 0.4341, 0.2165



0.2915, 0.3980, 0.1966

Previews

White Background



This preview shows how the Yxy color 42.6737, 0.2978, 0.3720 looks on a white background.

Color Contrast Check

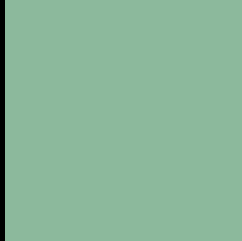
Large Text (above 18pt) WCAG AA × Fail

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 42.6737, 0.2978, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

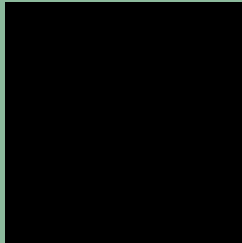
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6737, 0.2978, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 42.6737, 0.2978, 0.3720.



This preview shows how white text looks on a background with the Yxy color 42.6737, 0.2978, 0.3720.

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

42.6737, 0.2978, 0.3720

Protanopia

42.5414, 0.3414, 0.3616

Deuteranopia

42.2791, 0.3462, 0.3395



Tritanopia

42.7406, 0.2758, 0.3095

Trichromacy



Original Color

42.6737, 0.2978, 0.3720

Protanomaly

42.3233, 0.3242, 0.3657

Deuteranomaly

42.0054, 0.3271, 0.3496

Tritanomaly

42.6805, 0.2835, 0.3318

Monochromacy



Original Color

42.6737, 0.2978, 0.3720

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.2215, 0.3068, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6737, 0.2978, 0.3720 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(140, 185, 156)` looks like.

```
.text, #text, p{  
    color:rgb(140, 185, 156)  
}
```

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(140, 185, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 185, 156) }
```

Border

The CSS property to change the border of an element to Yxy 42.6737, 0.2978, 0.3720 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(140, 185, 156) }
```

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

```
.border{ border-color:rgb(140, 185, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 185, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 185, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 185, 156);  
box-shadow:4px 4px 4px 4px rgb(140, 185,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6737, 0.2978, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 185, 156) }
```

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

```
.background{ background-color: rgb(140,  
185, 156) }
```

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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