

Converting Colors

$Yxy(42.6553, 0.2873, 0.3040)$

Have a look what the booklet for
Yxy(42.6553, 0.2873, 0.3040)
contains.

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Color

Yxy(42.7322, 0.2878, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0C2
RGB	163, 176, 194
RGB Percent	64%, 69%, 76%
CMY	0.3609, 0.3098, 0.2393
CMYK	0.16, 0.09, 0.00, 0.24
HSL	215°, 20%, 70%
HSV	215°, 16%, 76%
XYZ	40.3621, 42.7322, 57.1492
YIQ	174.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

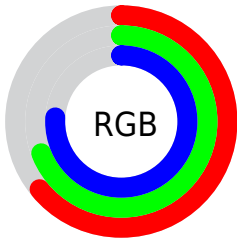
Format	Color
R_{YB}	163, 172, 194
Decimal	10727618
CIE _{Lab}	71.37, -0.79, -10.69
CIE _{LCh}	71, 10.715, 265.796
Yxy	42.7322, 0.2878, 0.3047
Android (android.graphics.Color)	4288917698 (0xFFA3B0C2)
YUV	174.1650, 9.7787, -9.7917
Hunter-Lab	65.3699, -4.1839, -6.0750

Details

The Yxy color **42.7322, 0.2878, 0.3047** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1382, 0.3389, 0.3522**, and the grayscale version is **42.3694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5208, 0.2926, 0.3102**, and **19.6883, 0.2810, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **36.6125, 0.2713, 0.2872**, and if you desaturate by 10%, it is **49.5347, 0.3036, 0.3204**.

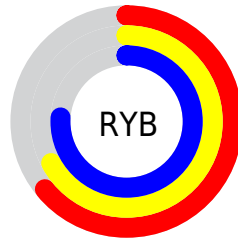
Distribution



Red (64%)

Green (69%)

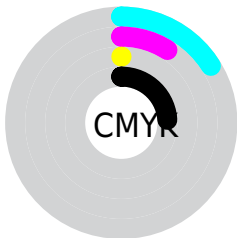
Blue (76%)



Red (64%)

Yellow (67%)

Blue (76%)

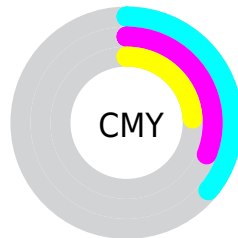


Cyan (16%)

Magenta (9%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7322, 0.2878, 0.3047 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 42.7322, 0.2878, 0.3047 by changing the saturation by 10% instead.

■ 42.7322, 0.2878,
0.3047

■ 42.7322, 0.2878,
0.3047

■ 357.5093, 0.3004,
0.3170

■ 29.6751, 0.2846,
0.3016

■ 79.3066, 0.2924,
0.3092

■ 19.5921, 0.2805,
0.2976

■ 103.5926, 0.2941,
0.3109

■ 12.0989, 0.2751,
0.2922

■ 132.3904, 0.2956,
0.3123

■ 6.8110, 0.2674,
0.2846

■ 166.0843, 0.2968,
0.3135

■ 3.3442, 0.2558,
0.2731

■ 205.0588, 0.2979,
0.3146

■ 1.3140, 0.2364,
0.2538

■ 249.6981, 0.2988,

■ 0.1520, 0.1053,

0.3155

0.1277

300.3869, 0.2996,
0.3163

0.0000, 0.0000,
0.0000

42.7322, 0.2878,
0.3047

42.7322, 0.2878,
0.3047

36.6125, 0.2713,
0.2872

49.5347, 0.3036,
0.3204

31.1473, 0.2544,
0.2681

57.0367, 0.3186,
0.3344

26.3139, 0.2374,
0.2474

65.2607, 0.3326,
0.3468

22.0859, 0.2211,
0.2257

74.2265, 0.3456,
0.3577

18.4350, 0.2059,
0.2032

82.9983, 0.3539,
0.3677

■ 15.3299, 0.1924,
0.1808

■ 89.5408, 0.3515,
0.3784

■ 12.7355, 0.1813,
0.1593

■ 96.4959, 0.3491,
0.3887

■ 10.6097, 0.1729,
0.1393

■ 96.6743, 0.3490,
0.3890

■ 9.8602, 0.1699,
0.1317

Harmonies

Analogous

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



42.7322, 0.2832, 0.3127



42.7322, 0.2878, 0.3047



42.7322, 0.2990, 0.3032

Triad

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



42.7322, 0.2878, 0.3047



42.7322, 0.3400, 0.3315



42.7322, 0.3107, 0.3511

Complementary

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



42.7322, 0.2878, 0.3047



47.1382, 0.3389, 0.3522

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.



42.7322, 0.3260, 0.3561



42.7322, 0.2878, 0.3047



42.7322, 0.3432, 0.3443

Square

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



42.7322, 0.2878, 0.3047



42.7322, 0.3292, 0.3185



42.7322, 0.3380, 0.3534



42.7322, 0.2962, 0.3397

Rectangle

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



42.7322, 0.2878, 0.3047



42.7322, 0.3089, 0.3059



42.7322, 0.3380, 0.3534



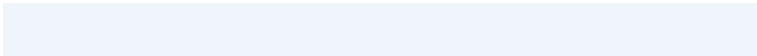
42.7322, 0.3159, 0.3536

Sweetspot

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



42.7340, 0.2878, 0.3047



90.9376, 0.3050, 0.3218



49.6781, 0.2981, 0.3470



19.7100, 0.3039, 0.3207



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



42.7340, 0.2878, 0.3047



73.6227, 0.2824, 0.2991



38.0855, 0.2888, 0.2868



10.4283, 0.2984, 0.3153



6.6386, 0.1706, 0.1342



0.4230, 0.1830, 0.1789

Inverse Universe

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



40.7891, 0.3305, 0.3122



69.6130, 0.3349, 0.3086



52.4153, 0.3347, 0.3684



10.1466, 0.3225, 0.3194



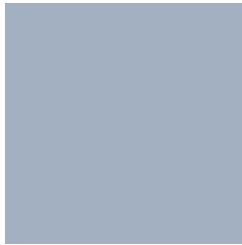
7.9524, 0.5269, 0.2676



0.3573, 0.4699, 0.2362

Previews

White Background



This preview shows how the Yxy color 42.7322, 0.2878, 0.3047 looks on a white background.

Color Contrast Check

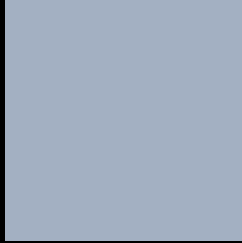
Large Text (above 18pt) WCAG AA × Fail

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 42.7322, 0.2878, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

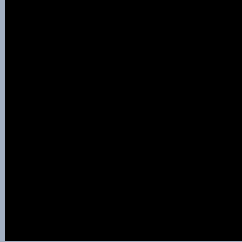
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

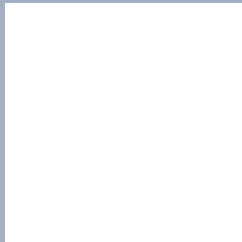
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.7322, 0.2878, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 42.7322, 0.2878, 0.3047.



This preview shows how white text looks on a background with the Yxy color 42.7322, 0.2878, 0.3047.

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

42.7322, 0.2878, 0.3047

Protanopia

42.4636, 0.2966, 0.3037

Deuteranopia

42.6347, 0.3028, 0.2967



Tritanopia

42.8873, 0.2893, 0.3099

Trichromacy



Original Color

42.7322, 0.2878, 0.3047

Protanomaly

42.5574, 0.2934, 0.3036

Deuteranomaly

42.5591, 0.2968, 0.2988

Tritanomaly

42.9314, 0.2885, 0.3086

Monochromacy



Original Color

42.7322, 0.2878, 0.3047

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5422, 0.3035, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7322, 0.2878, 0.3047 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(163, 176, 194) looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 194)  
}
```

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(163, 176, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 194) }
```

Border

The CSS property to change the border of an element to Yxy 42.7322, 0.2878, 0.3047 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(163, 176, 194) }
```

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

```
.border{ border-color:rgb(163, 176, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 194);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7322, 0.2878, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 194) }
```

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

```
.background{ background-color: rgb(163,  
176, 194) }
```

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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