

Converting Colors

$Yxy(42.3914, 0.2823, 0.2997)$

Have a look what the booklet for
Yxy(42.3914, 0.2823, 0.2997)
contains.

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Color

Yxy(42.4528, 0.2825, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	9FB0C5
RGB	159, 176, 197
RGB Percent	62%, 69%, 77%
CMY	0.3762, 0.3098, 0.2275
CMYK	0.19, 0.11, 0.00, 0.23
HSL	213°, 25%, 70%
HSV	213°, 19%, 77%
XYZ	39.9099, 42.4528, 58.9112
YIQ	173.3110, -16.8730, 2.9270

Conversions

Conversions Part 2

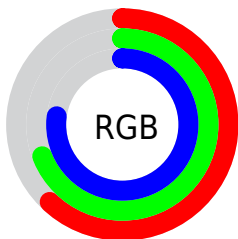
Format	Color
RYB	159, 171, 197
Decimal	10465477
CIELab	71.18, -1.37, -12.66
CIElCh	71, 12.731, 263.815
Yxy	42.4528, 0.2825, 0.3005
Android (android.graphics.Color)	4288655557 (0xFF9FB0C5)
YUV	173.3110, 11.6787, -12.5507
Hunter-Lab	65.1558, -4.6861, -7.9985

Details

The Yxy color $42.4528, 0.2825, 0.3005$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.0460, 0.3452, 0.3559$, and the grayscale version is $41.9074, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1651, 0.2878, 0.3059$, and $19.5243, 0.2739, 0.2934$ is the 20% darker color. If you saturate the color by 10%, you get $36.4901, 0.2659, 0.2833$, and if you desaturate by 10%, it is $49.0839, 0.2985, 0.3161$.

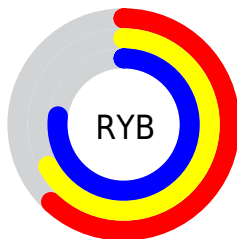
Distribution



Red (62%)

Green (69%)

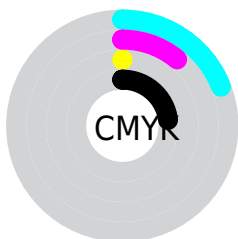
Blue (77%)



Red (62%)

Yellow (67%)

Blue (77%)

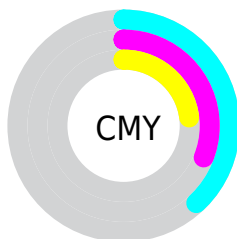


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (38%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4528, 0.2825, 0.3005 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 42.4528, 0.2825, 0.3005 by changing the saturation by 10% instead.


 42.4528, 0.2825,
0.3005


 42.4528, 0.2825,
0.3005


356.3565, 0.2977,
0.3149

 29.4560, 0.2787,
0.2968


 78.8845, 0.2881,
0.3058

 19.4261, 0.2737,
0.2921


 103.0881, 0.2901,
0.3078

 11.9785, 0.2671,
0.2858


131.7962, 0.2919,
0.3094

 6.7291, 0.2579,
0.2769

165.3931, 0.2934,
0.3108

 3.2932, 0.2440,
0.2635

204.2632, 0.2947,
0.3121

 1.2867, 0.2212,
0.2411

248.7908, 0.2958,

 0.1309, 0.0727,

0.3132

0.1046

299.3605, 0.2968,
0.3141

0.0000, 0.0000,
0.0000

42.4528, 0.2825,
0.3005

42.4528, 0.2825,
0.3005

36.4901, 0.2659,
0.2833

49.0839, 0.2985,
0.3161

31.1672, 0.2492,
0.2645

56.4000, 0.3138,
0.3300

26.4613, 0.2327,
0.2444

64.4237, 0.3282,
0.3423

22.3457, 0.2170,
0.2234

73.1749, 0.3417,
0.3532

18.7914, 0.2026,
0.2018

82.1838, 0.3523,
0.3630

■ 15.7665, 0.1902,
0.1804

■ 88.4661, 0.3500,
0.3734

■ 13.2342, 0.1802,
0.1600

■ 95.1356, 0.3477,
0.3836

■ 11.1374, 0.1726,
0.1409

■ 96.8111, 0.3472,
0.3860

■ 10.9942, 0.1721,
0.1396

Harmonies

Analogous

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



42.4528, 0.2776, 0.3103



42.4528, 0.2825, 0.3005



42.4528, 0.2953, 0.2983

Triad

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



42.4528, 0.2825, 0.3005



42.4528, 0.3446, 0.3309



42.4528, 0.3115, 0.3561

Complementary

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



42.4528, 0.2825, 0.3005



47.0460, 0.3452, 0.3559

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.



42.4528, 0.3296, 0.3614



42.4528, 0.2825, 0.3005



42.4528, 0.3491, 0.3461

Square

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



42.4528, 0.2825, 0.3005



42.4528, 0.3313, 0.3156



42.4528, 0.3435, 0.3575



42.4528, 0.2940, 0.3428

Rectangle

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



42.4528, 0.2825, 0.3005



42.4528, 0.3069, 0.3012



42.4528, 0.3435, 0.3575



42.4528, 0.3177, 0.3589

Sweetspot

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



42.4545, 0.2825, 0.3005



91.9253, 0.3035, 0.3206



50.6004, 0.2956, 0.3519



19.4937, 0.3024, 0.3197



0.0000, 0.0000, 0.0000



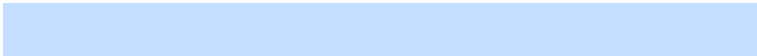
21.4041, 0.3127, 0.3290

Same Dimension

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



42.4545, 0.2825, 0.3005



71.5219, 0.2758, 0.2937



36.4215, 0.2827, 0.2770



11.0536, 0.2983, 0.3159



7.3930, 0.1728, 0.1419



0.4940, 0.1841, 0.1825

Inverse Universe

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



39.8217, 0.3340, 0.3073



66.1998, 0.3396, 0.3025



54.0516, 0.3398, 0.3767



10.7143, 0.3221, 0.3187



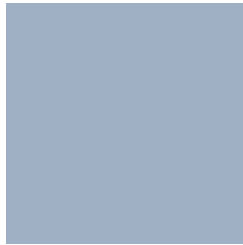
8.2863, 0.5165, 0.2619



0.4069, 0.4655, 0.2338

Previews

White Background



This preview shows how the Yxy color 42.4528, 0.2825, 0.3005 looks on a white background.

Color Contrast Check

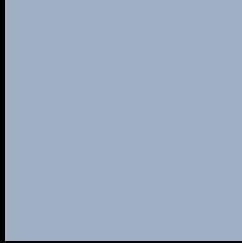
Large Text (above 18pt) WCAG AA × Fail

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 42.4528, 0.2825, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

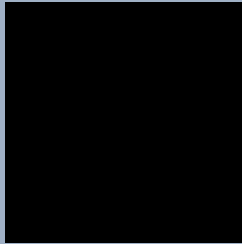
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

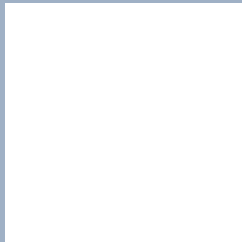
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.4528, 0.2825, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 42.4528, 0.2825, 0.3005.



This preview shows how white text looks on a background with the Yxy color 42.4528, 0.2825, 0.3005.

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

42.4528, 0.2825, 0.3005

Protanopia

42.4852, 0.2935, 0.2998

Deuteranopia

42.4104, 0.2978, 0.2927



Tritanopia

42.4750, 0.2861, 0.3098

Trichromacy



Original Color

42.4528, 0.2825, 0.3005

Protanomaly

42.4731, 0.2895, 0.2996

Deuteranomaly

42.3529, 0.2920, 0.2947

Tritanomaly

42.5636, 0.2846, 0.3071

Monochromacy



Original Color

42.4528, 0.2825, 0.3005

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9743, 0.3010, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4528, 0.2825, 0.3005 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(159, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 176, 197)  
}
```

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(159, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 176, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.4528, 0.2825, 0.3005 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(159, 176, 197) }
```

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

```
.border{ border-color:rgb(159, 176, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 176, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(159, 176,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4528, 0.2825, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 176, 197) }
```

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

```
.background{ background-color: rgb(159,  
176, 197) }
```

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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