

Converting Colors

$Y_{xy}(42.4792, 0.2819, 0.2952)$

Have a look what the booklet for
Yxy(42.4792, 0.2819, 0.2952)
contains.

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Color

Yxy(42.4071, 0.2818, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	A1AFC8
RGB	161, 175, 200
RGB Percent	63%, 69%, 78%
CMY	0.3686, 0.3137, 0.2157
CMYK	0.19, 0.12, 0.00, 0.22
HSL	218°, 26%, 71%
HSV	218°, 19%, 78%
XYZ	40.4547, 42.4071, 60.6964
YIQ	173.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

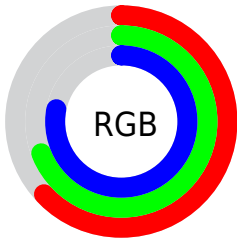
Format	Color
R_{YB}	161, 171, 200
Decimal	10596296
CIE _{Lab}	71.15, 0.46, -14.34
CIE _{LCh}	71, 14.348, 271.834
Yxy	42.4071, 0.2818, 0.2954
Android (android.graphics.Color)	4288786376 (0xFFA1AFC8)
YUV	173.6640, 12.9836, -11.1063
Hunter-Lab	65.1207, -3.0724, -9.6773

Details

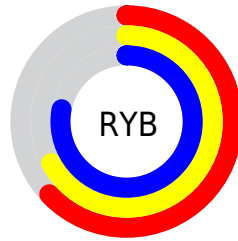
The Yxy color $42.4071, 0.2818, 0.2954$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.9760, 0.3449, 0.3605$, and the grayscale version is $42.0864, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4126, 0.2884, 0.3029$, and $19.4925, 0.2730, 0.2865$ is the 20% darker color. If you saturate the color by 10%, you get $35.7369, 0.2647, 0.2753$, and if you desaturate by 10%, it is $49.8872, 0.2981, 0.3136$.

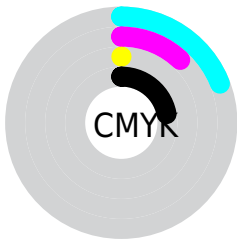
Distribution



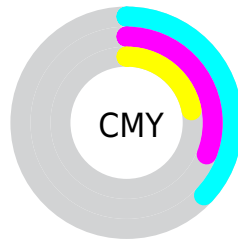
- Red (63%)
- Green (69%)
- Blue (78%)



- Red (63%)
- Yellow (67%)
- Blue (78%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (37%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4071, 0.2818, 0.2954 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 42.4071, 0.2818, 0.2954 by changing the saturation by 10% instead.

■ 42.4071, 0.2818,
0.2954

■ 42.4071, 0.2818,
0.2954

356.1678, 0.2974,
0.3123

■ 29.4202, 0.2779,
0.2911

■ 78.8154, 0.2875,
0.3016

■ 19.3989, 0.2728,
0.2857

■ 103.0055, 0.2896,
0.3039

■ 11.9589, 0.2660,
0.2784

131.6989, 0.2914,
0.3058

■ 6.7157, 0.2566,
0.2681

165.2799, 0.2930,
0.3075

■ 3.2849, 0.2424,
0.2529

204.1329, 0.2943,
0.3090

■ 1.2822, 0.2191,
0.2278

248.6423, 0.2955,

■ 0.1274, 0.0937,

0.3102

0.0902

299.1924, 0.2965,
0.3113

0.0000, 0.0000,
0.0000

42.4071, 0.2818,
0.2954

42.4071, 0.2818,
0.2954

35.7369, 0.2647,
0.2753

49.8872, 0.2981,
0.3136

29.8426, 0.2471,
0.2533

58.1994, 0.3135,
0.3298

24.6950, 0.2296,
0.2298

67.3714, 0.3277,
0.3441

20.2612, 0.2127,
0.2053

77.4281, 0.3408,
0.3566

16.5053, 0.1972,
0.1806

87.2347, 0.3485,
0.3682

■ 13.3876, 0.1838,
0.1566

■ 95.0173, 0.3460,
0.3802

■ 10.8632, 0.1731,
0.1343

■ 96.9502, 0.3454,
0.3830

■ 8.8642, 0.1653,
0.1146

■ 8.7737, 0.1649,
0.1137

Harmonies

Analogous

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



42.4071, 0.2738, 0.3042



42.4071, 0.2818, 0.2954



42.4071, 0.2981, 0.2954

Triad

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



42.4071, 0.2818, 0.2954



42.4071, 0.3512, 0.3357



42.4071, 0.3057, 0.3564

Complementary

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



42.4071, 0.2818, 0.2954



49.9760, 0.3449, 0.3605

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.



42.4071, 0.3265, 0.3651



42.4071, 0.2818, 0.2954



42.4071, 0.3532, 0.3522

Square

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



42.4071, 0.2818, 0.2954



42.4071, 0.3384, 0.3182



42.4071, 0.3440, 0.3633



42.4071, 0.2872, 0.3396

Rectangle

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



42.4071, 0.2818, 0.2954



42.4071, 0.3117, 0.3001



42.4071, 0.3440, 0.3633



42.4071, 0.3126, 0.3604

Sweetspot

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



42.4088, 0.2818, 0.2954



91.1123, 0.3035, 0.3193



52.4198, 0.2932, 0.3479



19.3017, 0.3024, 0.3182



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.



42.4088, 0.2818, 0.2954



68.8313, 0.2753, 0.2879



37.7940, 0.2850, 0.2766



10.9000, 0.2983, 0.3138



5.7338, 0.1656, 0.1162



0.4085, 0.1776, 0.1593

Inverse Universe

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



40.8687, 0.3375, 0.3113



65.9282, 0.3436, 0.3076



55.4582, 0.3374, 0.3777



10.6988, 0.3234, 0.3207



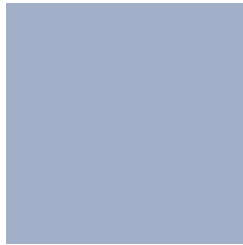
8.1188, 0.5520, 0.2814



0.3983, 0.4939, 0.2495

Previews

White Background



This preview shows how the Yxy color 42.4071, 0.2818, 0.2954 looks on a white background.

Color Contrast Check

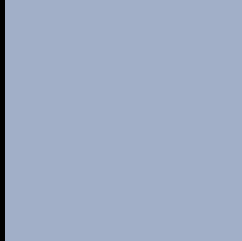
Large Text (above 18pt) WCAG AA × Fail

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 42.4071, 0.2818, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

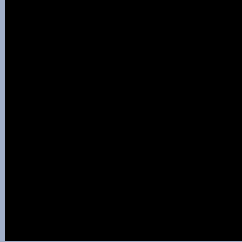
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

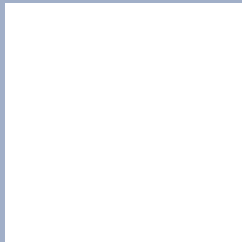
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.4071, 0.2818, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 42.4071, 0.2818, 0.2954.



This preview shows how white text looks on a background with the Yxy color 42.4071, 0.2818, 0.2954.

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

42.4071, 0.2818, 0.2954

Protanopia

42.5104, 0.2904, 0.2959

Deuteranopia

42.4315, 0.2947, 0.2889



Tritanopia

42.5768, 0.2869, 0.3098

Trichromacy



Original Color

42.4071, 0.2818, 0.2954

Protanomaly

42.6111, 0.2872, 0.2958

Deuteranomaly

42.4927, 0.2897, 0.2910

Tritanomaly

42.4193, 0.2854, 0.3045

Monochromacy



Original Color

42.4071, 0.2818, 0.2954

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.1260, 0.3011, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4071, 0.2818, 0.2954 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(161, 175, 200)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 200)  
}
```

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(161, 175, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 200) }
```

Border

The CSS property to change the border of an element to Yxy 42.4071, 0.2818, 0.2954 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(161, 175, 200) }
```

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

```
.border{ border-color:rgb(161, 175, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 175, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 200);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4071, 0.2818, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 200) }
```

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

```
.background{ background-color: rgb(161,  
175, 200) }
```

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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