

Converting Colors

$Y_{xy}(42.1356, 0.2825, 0.2986)$

Have a look what the booklet for
Yxy(42.1356, 0.2825, 0.2986)
contains.

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Color

Yxy(42.1647, 0.2832, 0.2992)

Conversions

Conversions Part 1

Format	Color
Hex	A0AFC5
RGB	160, 175, 197
RGB Percent	63%, 69%, 77%
CMY	0.3724, 0.3137, 0.2275
CMYK	0.19, 0.11, 0.00, 0.23
HSL	216°, 24%, 70%
HSV	216°, 19%, 77%
XYZ	39.9099, 42.1647, 58.8502
YIQ	173.0230, -16.0020, 3.6620

Conversions

Conversions Part 2

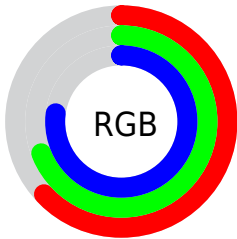
Format	Color
R_{YB}	160, 171, 197
Decimal	10530757
CIE _{Lab}	70.98, -0.52, -12.94
CIE _{LCh}	71, 12.952, 267.701
Yxy	42.1647, 0.2832, 0.2992
Android (android.graphics.Color)	4288720837 (0xFFA0AFC5)
YUV	173.0230, 11.8207, -11.4212
Hunter-Lab	64.9344, -3.9256, -8.2807

Details

The Yxy color **42.1647, 0.2832, 0.2992** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.8784, 0.3439, 0.3571**, and the grayscale version is **41.7500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1965, 0.2884, 0.3038**, and **19.3372, 0.2748, 0.2916** is the 20% darker color. If you saturate the color by 10%, you get **35.9258, 0.2664, 0.2807**, and if you desaturate by 10%, it is **49.1252, 0.2993, 0.3159**.

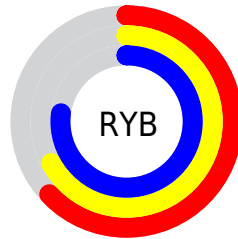
Distribution



Red (63%)

Green (69%)

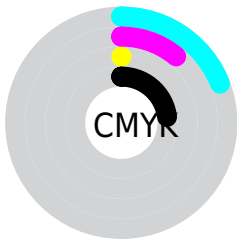
Blue (77%)



Red (63%)

Yellow (67%)

Blue (77%)

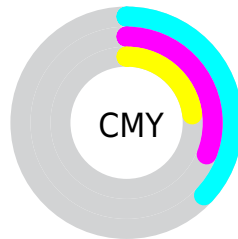


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1647, 0.2832, 0.2992 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 42.1647, 0.2832, 0.2992 by changing the saturation by 10% instead.

■ 42.1647, 0.2832,
0.2992

■ 42.1647, 0.2832,
0.2992

355.1652, 0.2981,
0.3143

■ 29.2303, 0.2794,
0.2954

■ 78.4488, 0.2886,
0.3047

■ 19.2551, 0.2746,
0.2905

■ 102.5673, 0.2907,
0.3068

■ 11.8547, 0.2681,
0.2839

131.1826, 0.2924,
0.3085

■ 6.6448, 0.2590,
0.2746

164.6792, 0.2939,
0.3100

■ 3.2410, 0.2453,
0.2606

203.4413, 0.2951,
0.3113

■ 1.2588, 0.2227,
0.2375

247.8534, 0.2963,

■ 0.1090, 0.0742,

0.3124

0.0890

298.2999, 0.2972,
0.3134

0.0000, 0.0000,
0.0000

42.1647, 0.2832,
0.2992

42.1647, 0.2832,
0.2992

35.9258, 0.2664,
0.2807

49.1252, 0.2993,
0.3159

30.3781, 0.2493,
0.2606

56.8259, 0.3146,
0.3308

25.4966, 0.2323,
0.2389

65.2911, 0.3288,
0.3439

21.2526, 0.2159,
0.2163

74.5424, 0.3420,
0.3555

17.6149, 0.2009,
0.1932

83.9236, 0.3516,
0.3660

■ 14.5490, 0.1879,
0.1704

■ 90.8089, 0.3492,
0.3771

■ 12.0159, 0.1774,
0.1489

■ 96.8106, 0.3472,
0.3860

■ 9.9587, 0.1695,
0.1292

■ 9.7277, 0.1686,
0.1269

Harmonies

Analogous

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



42.1647, 0.2771, 0.3083



42.1647, 0.2832, 0.2992



42.1647, 0.2972, 0.2980

Triad

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



42.1647, 0.2832, 0.2992



42.1647, 0.3464, 0.3330



42.1647, 0.3090, 0.3553

Complementary

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



42.1647, 0.2832, 0.2992



47.8784, 0.3439, 0.3571

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.



42.1647, 0.3277, 0.3619



42.1647, 0.2832, 0.2992



42.1647, 0.3497, 0.3483

Square

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



42.1647, 0.2832, 0.2992



42.1647, 0.3338, 0.3172



42.1647, 0.3427, 0.3591



42.1647, 0.2917, 0.3410

Rectangle

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



42.1647, 0.2832, 0.2992



42.1647, 0.3092, 0.3016



42.1647, 0.3427, 0.3591



42.1647, 0.3153, 0.3585

Sweetspot

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



42.1664, 0.2832, 0.2992



91.5388, 0.3035, 0.3200



50.7653, 0.2952, 0.3496



19.4024, 0.3024, 0.3190



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.



42.1664, 0.2832, 0.2992



70.2347, 0.2756, 0.2909



36.9862, 0.2847, 0.2787



10.9805, 0.2983, 0.3149



6.5538, 0.1693, 0.1293



0.4518, 0.1810, 0.1714

Inverse Universe

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



40.1198, 0.3347, 0.3099



66.0698, 0.3415, 0.3049



53.9236, 0.3380, 0.3755



10.7069, 0.3227, 0.3197



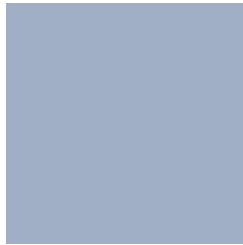
8.2016, 0.5336, 0.2713



0.4026, 0.4789, 0.2412

Previews

White Background



This preview shows how the Yxy color 42.1647, 0.2832, 0.2992 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 42.1647, 0.2832, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

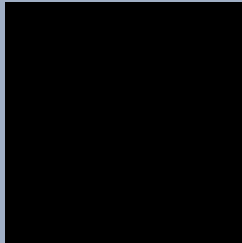
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1647, 0.2832, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 42.1647, 0.2832, 0.2992.



This preview shows how white text looks on a background with the Yxy color 42.1647, 0.2832, 0.2992.

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

42.1647, 0.2832, 0.2992

Protanopia

41.9912, 0.2926, 0.2984

Deuteranopia

42.0369, 0.2978, 0.2913



Tritanopia

42.1393, 0.2875, 0.3097

Trichromacy



Original Color

42.1647, 0.2832, 0.2992

Protanomaly

41.9797, 0.2886, 0.2982

Deuteranomaly

41.9737, 0.2920, 0.2934

Tritanomaly

42.2719, 0.2853, 0.3058

Monochromacy



Original Color

42.1647, 0.2832, 0.2992

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 42.1647, 0.2832, 0.2992 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(160, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(160, 175, 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(160, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 175, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.1647, 0.2832, 0.2992 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(160, 175, 197) }
```

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

```
.border{ border-color:rgb(160, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(160, 175,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1647, 0.2832, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 175, 197) }
```

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

```
.background{ background-color: rgb(160,  
175, 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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