

Converting Colors

$Y_{xy}(42.0726, 0.2896, 0.3060)$

Have a look what the booklet for
Yxy(42.0726, 0.2896, 0.3060)
contains.

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Color

Yxy(42.2522, 0.2892, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	A3AFC0
RGB	163, 175, 192
RGB Percent	64%, 69%, 75%
CMY	0.3609, 0.3137, 0.2470
CMYK	0.15, 0.09, 0.00, 0.25
HSL	215°, 19%, 70%
HSV	215°, 15%, 75%
XYZ	39.9455, 42.2522, 55.9265
YIQ	173.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

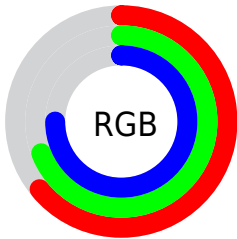
Format	Color
R _Y B	163, 171, 192
Decimal	10727360
CIE Lab	71.04, -0.67, -10.09
CIE LCh	71, 10.116, 266.217
Yxy	42.2522, 0.2892, 0.3059
Android (android.graphics.Color)	4288917440 (0xFFA3AFC0)
YUV	173.3500, 9.1945, -9.0769
Hunter-Lab	65.0017, -4.0593, -5.5111

Details

The Yxy color $42.2522, 0.2892, 0.3059$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $46.4852, 0.3373, 0.3511$, and the grayscale version is $41.9332, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2764, 0.2938, 0.3101$, and $19.4095, 0.2819, 0.2990$ is the 20% darker color. If you saturate the color by 10%, you get $36.1827, 0.2727, 0.2884$, and if you desaturate by 10%, it is $48.9973, 0.3050, 0.3216$.

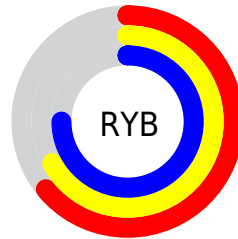
Distribution



Red (64%)

Green (69%)

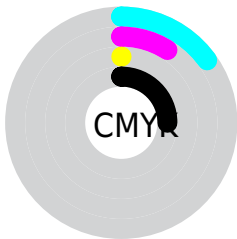
Blue (75%)



Red (64%)

Yellow (67%)

Blue (75%)

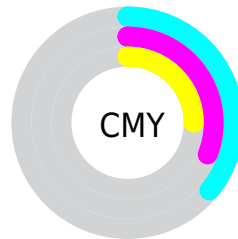


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2522, 0.2892, 0.3059 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 42.2522, 0.2892, 0.3059 by changing the saturation by 10% instead.

■ 42.2522, 0.2892,
0.3059

■ 42.2522, 0.2892,
0.3059

■ 355.5273, 0.3011,
0.3176

■ 29.2988, 0.2862,
0.3029

■ 78.5812, 0.2936,
0.3102

■ 19.3070, 0.2823,
0.2991

■ 102.7256, 0.2952,
0.3118

■ 11.8923, 0.2771,
0.2939

■ 131.3691, 0.2965,
0.3131

■ 6.6704, 0.2697,
0.2866

■ 164.8961, 0.2977,
0.3143

■ 3.2568, 0.2586,
0.2755

■ 203.6911, 0.2987,
0.3153

■ 1.2672, 0.2399,
0.2568

■ 248.1383, 0.2996,

■ 0.1156, 0.0899,

0.3162

0.1111

298.6223, 0.3004,
0.3169

0.0000, 0.0000,
0.0000

42.2522, 0.2892,
0.3059

42.2522, 0.2892,
0.3059

36.1827, 0.2727,
0.2884

48.9973, 0.3050,
0.3216

30.7610, 0.2558,
0.2692

56.4344, 0.3198,
0.3356

25.9646, 0.2388,
0.2485

64.5855, 0.3337,
0.3480

21.7680, 0.2223,
0.2266

73.4703, 0.3466,
0.3588

18.1432, 0.2069,
0.2040

82.3446, 0.3555,
0.3687

■ 15.0597, 0.1932,
0.1814

■ 88.8500, 0.3529,
0.3794

■ 12.4833, 0.1818,
0.1595

■ 95.7673, 0.3505,
0.3898

■ 10.3740, 0.1731,
0.1393

■ 96.5864, 0.3502,
0.3909

■ 9.4827, 0.1695,
0.1301

Harmonies

Analogous

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



42.2522, 0.2847, 0.3134



42.2522, 0.2892, 0.3059



42.2522, 0.2999, 0.3046

Triad

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



42.2522, 0.2892, 0.3059



42.2522, 0.3386, 0.3316



42.2522, 0.3106, 0.3498

Complementary

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



42.2522, 0.2892, 0.3059



46.4852, 0.3373, 0.3511

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.



42.2522, 0.3252, 0.3546



42.2522, 0.2892, 0.3059



42.2522, 0.3416, 0.3437

Square

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



42.2522, 0.2892, 0.3059



42.2522, 0.3286, 0.3192



42.2522, 0.3366, 0.3522



42.2522, 0.2969, 0.3390

Rectangle

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



42.2522, 0.2892, 0.3059



42.2522, 0.3093, 0.3072



42.2522, 0.3366, 0.3522



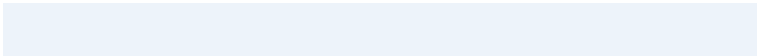
42.2522, 0.3156, 0.3522

Sweetspot

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



42.2540, 0.2892, 0.3059



88.8225, 0.3050, 0.3217



48.7808, 0.2985, 0.3453



18.8608, 0.3040, 0.3206



97.7402, 0.3127, 0.3290



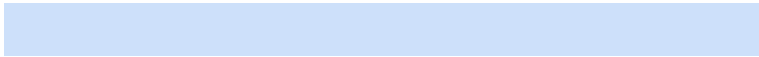
20.4902, 0.3127, 0.3290

Same Dimension

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



42.2540, 0.2892, 0.3059



72.9391, 0.2840, 0.3006



38.0332, 0.2907, 0.2893



10.4185, 0.2984, 0.3152



6.5258, 0.1701, 0.1324



0.4178, 0.1826, 0.1773

Inverse Universe

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



40.4890, 0.3295, 0.3134



69.2870, 0.3337, 0.3100



51.2435, 0.3330, 0.3663



10.1456, 0.3225, 0.3195



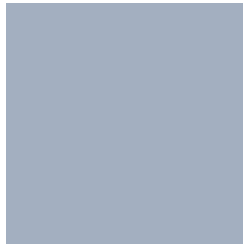
7.9410, 0.5294, 0.2690



0.3568, 0.4717, 0.2372

Previews

White Background



This preview shows how the Yxy color 42.2522, 0.2892, 0.3059 looks on a white background.

Color Contrast Check

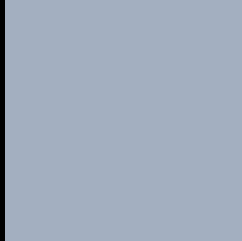
Large Text (above 18pt) WCAG AA × Fail

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 42.2522, 0.2892, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

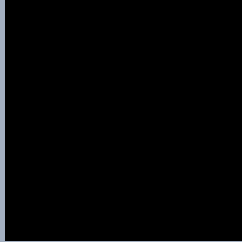
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

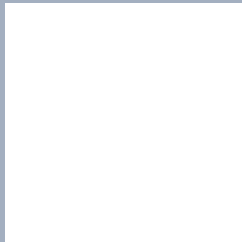
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2522, 0.2892, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 42.2522, 0.2892, 0.3059.



This preview shows how white text looks on a background with the Yxy color 42.2522, 0.2892, 0.3059.

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

42.2522, 0.2892, 0.3059

Protanopia

42.3755, 0.2982, 0.3063

Deuteranopia

42.1713, 0.3044, 0.2978



Tritanopia

42.0154, 0.2907, 0.3098

Trichromacy



Original Color

42.2522, 0.2892, 0.3059

Protanomaly

42.4687, 0.2949, 0.3062

Deuteranomaly

42.0900, 0.2984, 0.2999

Tritanomaly

42.0590, 0.2899, 0.3085

Monochromacy



Original Color

42.2522, 0.2892, 0.3059

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.0024, 0.3035, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2522, 0.2892, 0.3059 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, 175, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 175, 192)  
}
```

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, 175, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 175, 192) }
```

Border

The CSS property to change the border of an element to Yxy 42.2522, 0.2892, 0.3059 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, 175, 192) }
```

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

```
.border{ border-color:rgb(163, 175, 192) }
```

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

Here you see how a box with a 4 pixel rgb(163, 175, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 175, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 175, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 175,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2522, 0.2892, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 175, 192) }
```

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

```
.background{ background-color: rgb(163,  
175, 192) }
```

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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