

Converting Colors

$Yxy(42.5984, 0.2841, 0.3004)$

Have a look what the booklet for
Yxy(42.5984, 0.2841, 0.3004)
contains.

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Color

Yxy(42.6590, 0.2840, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	A1B0C5
RGB	161, 176, 197
RGB Percent	63%, 69%, 77%
CMY	0.3686, 0.3098, 0.2273
CMYK	0.18, 0.11, 0.00, 0.23
HSL	215°, 24%, 70%
HSV	215°, 18%, 77%
XYZ	40.3032, 42.6590, 58.9506
YIQ	173.9090, -15.6810, 3.3510

Conversions

Conversions Part 2

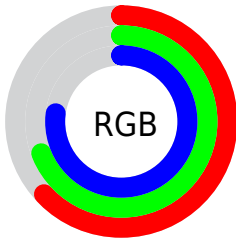
Format	Color
R _Y B	161, 172, 197
Decimal	10596549
CIE Lab	71.32, -0.75, -12.45
CIE LCh	71, 12.473, 266.539
Yxy	42.6590, 0.2840, 0.3006
Android (android.graphics.Color)	4288786629 (0xFFA1B0C5)
YUV	173.9090, 11.3839, -11.3212
Hunter-Lab	65.3139, -4.1522, -7.7939

Details

The Yxy color **42.6590, 0.2840, 0.3006** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9138, 0.3431, 0.3559**, and the grayscale version is **42.2261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4679, 0.2891, 0.3060**, and **19.6497, 0.2760, 0.2936** is the 20% darker color. If you saturate the color by 10%, you get **36.4526, 0.2673, 0.2826**, and if you desaturate by 10%, it is **49.5734, 0.3001, 0.3169**.

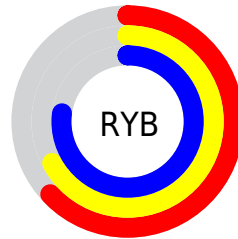
Distribution



Red (63%)

Green (69%)

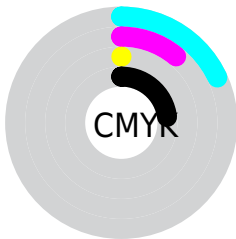
Blue (77%)



Red (63%)

Yellow (67%)

Blue (77%)

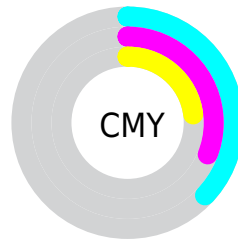


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (37%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6590, 0.2840, 0.3006 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 42.6590, 0.2840, 0.3006 by changing the saturation by 10% instead.


 42.6590, 0.2840,
0.3006

 42.6590, 0.2840,
0.3006


357.2075, 0.2985,
0.3150

 29.6177, 0.2804,
0.2970


 79.1960, 0.2893,
0.3059

 19.5486, 0.2757,
0.2923


 103.4605, 0.2913,
0.3078

 12.0673, 0.2694,
0.2860


132.2348, 0.2929,
0.3095

 6.7895, 0.2606,
0.2772

165.9033, 0.2944,
0.3109

 3.3308, 0.2474,
0.2640

204.8504, 0.2956,
0.3121

 1.3068, 0.2256,
0.2420

249.4606, 0.2967,

 0.1465, 0.0930,

0.3132

0.1128

300.1182, 0.2976,
0.3141

0.0000, 0.0000,
0.0000

42.6590, 0.2840,
0.3006

42.6590, 0.2840,
0.3006

36.4526, 0.2673,
0.2826

49.5734, 0.3001,
0.3169

30.9246, 0.2503,
0.2629

57.2137, 0.3153,
0.3314

26.0504, 0.2334,
0.2418

65.6037, 0.3295,
0.3442

21.8023, 0.2172,
0.2196

74.7644, 0.3427,
0.3555

18.1498, 0.2022,
0.1970

83.8502, 0.3516,
0.3658

■ 15.0593, 0.1893,
0.1746

■ 90.5925, 0.3492,
0.3767

■ 12.4929, 0.1787,
0.1532

■ 96.8126, 0.3472,
0.3860

■ 10.3974, 0.1708,
0.1336

■ 10.0743, 0.1696,
0.1304

Harmonies

Analogous

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



42.6590, 0.2784, 0.3096



42.6590, 0.2840, 0.3006



42.6590, 0.2972, 0.2992

Triad

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



42.6590, 0.2840, 0.3006



42.6590, 0.3447, 0.3322



42.6590, 0.3098, 0.3546

Complementary

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



42.6590, 0.2840, 0.3006



47.9138, 0.3431, 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.



42.6590, 0.3277, 0.3606



42.6590, 0.2840, 0.3006



42.6590, 0.3482, 0.3470

Square

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



42.6590, 0.2840, 0.3006



42.6590, 0.3323, 0.3171



42.6590, 0.3419, 0.3576



42.6590, 0.2931, 0.3411

Rectangle

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



42.6590, 0.2840, 0.3006



42.6590, 0.3087, 0.3024



42.6590, 0.3419, 0.3576



42.6590, 0.3159, 0.3576

Sweetspot

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



42.6608, 0.2840, 0.3006



93.0057, 0.3050, 0.3217



50.9011, 0.2956, 0.3490



19.7025, 0.3039, 0.3206



0.0000, 0.0000, 0.0000



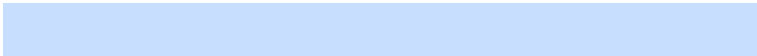
21.4041, 0.3127, 0.3290

Same Dimension

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



42.6608, 0.2840, 0.3006



71.7298, 0.2773, 0.2935



37.4138, 0.2854, 0.2800



11.0010, 0.2983, 0.3152



6.7809, 0.1702, 0.1328



0.4634, 0.1818, 0.1745

Inverse Universe

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



40.4977, 0.3337, 0.3098



67.3488, 0.3394, 0.3054



53.9923, 0.3374, 0.3744



10.7090, 0.3225, 0.3194



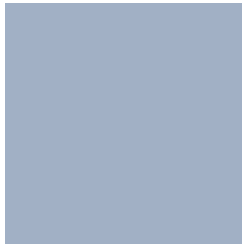
8.2245, 0.5289, 0.2687



0.4038, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 42.6590, 0.2840, 0.3006 looks on a white background.

Color Contrast Check

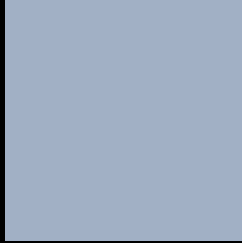
Large Text (above 18pt) WCAG AA × Fail

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 42.6590, 0.2840, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

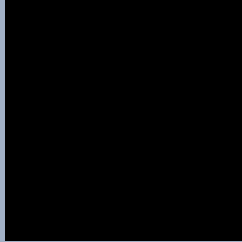
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

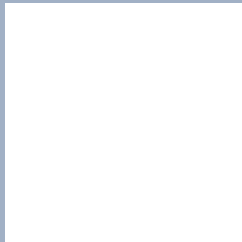
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6590, 0.2840, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 42.6590, 0.2840, 0.3006.



This preview shows how white text looks on a background with the Yxy color 42.6590, 0.2840, 0.3006.

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

42.6590, 0.2840, 0.3006

Protanopia

42.4852, 0.2935, 0.2998

Deuteranopia

42.5300, 0.2987, 0.2928



Tritanopia

42.6795, 0.2877, 0.3098

Trichromacy



Original Color

42.6590, 0.2840, 0.3006

Protanomaly

42.4731, 0.2895, 0.2996

Deuteranomaly

42.4665, 0.2928, 0.2948

Tritanomaly

42.7681, 0.2862, 0.3072

Monochromacy



Original Color

42.6590, 0.2840, 0.3006

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4724, 0.3019, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6590, 0.2840, 0.3006 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, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 176, 197) }
```

Border

The CSS property to change the border of an element to Yxy 42.6590, 0.2840, 0.3006 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, 176, 197) }
```

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

```
.border{ border-color:rgb(161, 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(161, 176, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(161, 176,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6590, 0.2840, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 176, 197) }
```

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

```
.background{ background-color: rgb(161,  
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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