

Converting Colors

$Yxy(43.0070, 0.2946, 0.3262)$

Have a look what the booklet for
Yxy(43.0070, 0.2946, 0.3262)
contains.

Yxy(42.9473, 0.2944, 0.3262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.9473, 0.2944, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	9FB3B5
RGB	159, 179, 181
RGB Percent	62%, 70%, 71%
CMY	0.3764, 0.2980, 0.2903
CMYK	0.12, 0.01, 0.00, 0.29
HSL	185°, 13%, 67%
HSV	185°, 12%, 71%
XYZ	38.7605, 42.9473, 49.9516
YIQ	173.2480, -12.5620, -3.6180

Conversions

Conversions Part 2

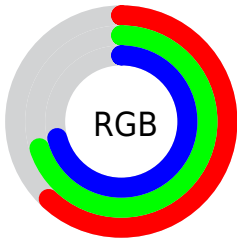
Format	Color
RYB	159, 169, 181
Decimal	10466229
CIELab	71.52, -6.45, -3.36
CIELCh	72, 7.274, 207.468
Yxy	42.9473, 0.2944, 0.3262
Android (android.graphics.Color)	4288656309 (0xFF9FB3B5)
YUV	173.2480, 3.8217, -12.4955
Hunter-Lab	65.5342, -9.1101, 0.6818

Details

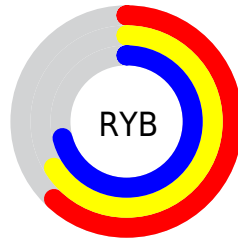
The Yxy color **42.9473, 0.2944, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8175, 0.3339, 0.3318**, and the grayscale version is **41.9095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8272, 0.2978, 0.3268**, and **19.6060, 0.2888, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **40.5813, 0.2800, 0.3237**, and if you desaturate by 10%, it is **45.5956, 0.3095, 0.3285**.

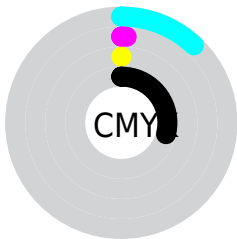
Distribution



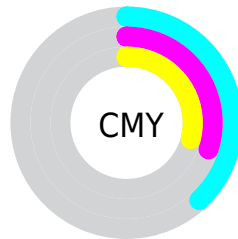
- Red (62%)
- Green (70%)
- Blue (71%)



- Red (62%)
- Yellow (66%)
- Blue (71%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (38%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9473, 0.2944, 0.3262 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 42.9473, 0.2944, 0.3262 by changing the saturation by 10% instead.

■ 42.9473, 0.2944,
0.3262

■ 42.9473, 0.2944,
0.3262

■ 358.3950, 0.3036,
0.3277

■ 29.8438, 0.2921,
0.3258

■ 79.6313, 0.2978,
0.3268

■ 19.7200, 0.2890,
0.3253

■ 103.9806, 0.2990,
0.3270

■ 12.1917, 0.2850,
0.3245

■ 132.8473, 0.3001,
0.3271

■ 6.8744, 0.2793,
0.3235

■ 166.6157, 0.3010,
0.3273

■ 3.3837, 0.2706,
0.3217

■ 205.6703, 0.3018,
0.3274

■ 1.3352, 0.2559,
0.3185

■ 250.3954, 0.3025,

■ 0.1682, 0.0039,

0.3275

0.2859

301.1755, 0.3031,
0.3276

0.0000, 0.0000,
0.0000

42.9473, 0.2944,
0.3262

42.9473, 0.2944,
0.3262

40.5813, 0.2800,
0.3237

45.5956, 0.3095,
0.3285

38.4804, 0.2666,
0.3210

48.5317, 0.3249,
0.3307

36.6339, 0.2543,
0.3181

51.7680, 0.3404,
0.3326

35.0280, 0.2436,
0.3152

55.3143, 0.3559,
0.3343

33.6477, 0.2346,
0.3121

59.1801, 0.3710,
0.3358

■ 32.4765, 0.2274,
0.3090

■ 60.9028, 0.3752,
0.3374

■ 31.4950, 0.2221,
0.3059

■ 61.6082, 0.3747,
0.3391

■ 30.6807, 0.2187,
0.3029

■ 62.3216, 0.3742,
0.3408

■ 30.1208, 0.2168,
0.3005

■ 63.0429, 0.3737,
0.3425

Harmonies

Analogous

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



42.9473, 0.3010, 0.3357



42.9473, 0.2944, 0.3262



42.9473, 0.2926, 0.3176

Triad

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



42.9473, 0.2944, 0.3262



42.9473, 0.3144, 0.3151



42.9473, 0.3295, 0.3458

Complementary

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



42.9473, 0.2944, 0.3262



37.8175, 0.3339, 0.3318

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.



42.9473, 0.3333, 0.3399



42.9473, 0.2944, 0.3262



42.9473, 0.3244, 0.3223

Square

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



42.9473, 0.2944, 0.3262



42.9473, 0.3040, 0.3115



42.9473, 0.3314, 0.3314



42.9473, 0.3213, 0.3472

Rectangle

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



42.9473, 0.2944, 0.3262



42.9473, 0.2944, 0.3136



42.9473, 0.3314, 0.3314



42.9473, 0.3313, 0.3443

Sweetspot

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



42.9491, 0.2944, 0.3262



80.7227, 0.3065, 0.3281



42.9815, 0.3098, 0.3576



17.3685, 0.3054, 0.3279



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.9491, 0.2944, 0.3262



75.5636, 0.2898, 0.3254



38.7784, 0.2941, 0.3109



9.4978, 0.2986, 0.3269



20.8223, 0.2169, 0.3009



0.6931, 0.2193, 0.3094

Inverse Universe

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



37.8813, 0.3159, 0.3022



64.4235, 0.3167, 0.2952



41.7669, 0.3320, 0.3464



8.6332, 0.3151, 0.3085



8.6422, 0.3446, 0.1672



0.2758, 0.3373, 0.1632

Previews

White Background



This preview shows how the Yxy color 42.9473, 0.2944, 0.3262 looks on a white background.

Color Contrast Check

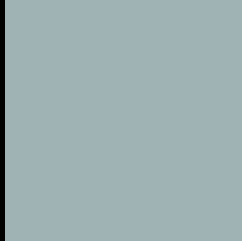
Large Text (above 18pt) WCAG AA × Fail

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 42.9473, 0.2944, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

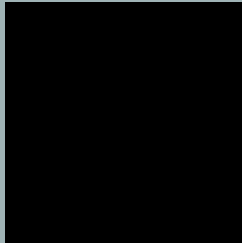
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

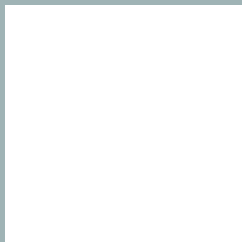
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9473, 0.2944, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 42.9473, 0.2944, 0.3262.



This preview shows how white text looks on a background with the Yxy color 42.9473, 0.2944, 0.3262.

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

42.9473, 0.2944, 0.3262

Protanopia

42.8336, 0.3121, 0.3236

Deuteranopia

42.8597, 0.3180, 0.3122



Tritanopia

42.7829, 0.2885, 0.3099

Trichromacy



Original Color

42.9473, 0.2944, 0.3262

Protanomaly

42.8514, 0.3051, 0.3249

Deuteranomaly

42.6117, 0.3089, 0.3170

Tritanomaly

42.9022, 0.2907, 0.3166

Monochromacy



Original Color

42.9473, 0.2944, 0.3262

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1194, 0.3058, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9473, 0.2944, 0.3262 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, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 181)  
}
```

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, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.9473, 0.2944, 0.3262 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, 179, 181) }
```

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

```
.border{ border-color:rgb(159, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9473, 0.2944, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 179, 181) }
```

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

```
.background{ background-color: rgb(159,  
179, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor