

Converting Colors

$Yxy(44.3275, 0.2772, 0.2973)$

Have a look what the booklet for
Yxy(44.3275, 0.2772, 0.2973)
contains.

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Color

Yxy(44.2713, 0.2772, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	9EB4CC
RGB	158, 180, 204
RGB Percent	62%, 71%, 80%
CMY	0.3803, 0.2941, 0.2001
CMYK	0.23, 0.12, 0.00, 0.20
HSL	211°, 31%, 71%
HSV	211°, 23%, 80%
XYZ	41.3199, 44.2713, 63.4704
YIQ	176.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

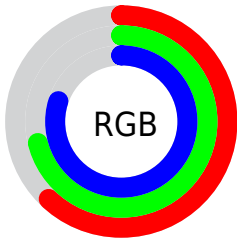
Format	Color
R _Y B	158, 173, 204
Decimal	10400972
CIE Lab	72.41, -2.30, -14.64
CIE LCh	72, 14.821, 261.056
Yxy	44.2713, 0.2772, 0.2970
Android (android.graphics.Color)	4288591052 (0xFF9EB4CC)
YUV	176.1580, 13.7261, -15.9246
Hunter-Lab	66.5367, -5.5891, -9.9820

Details

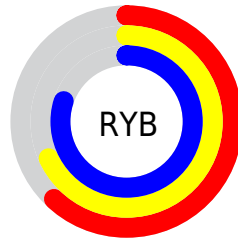
The Yxy color $44.2713, 0.2772, 0.2970$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.7490, 0.3519, 0.3590$, and the grayscale version is $43.4396, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3570, 0.2868, 0.3091$, and $20.4449, 0.2671, 0.2868$ is the 20% darker color. If you saturate the color by 10%, you get $38.2419, 0.2607, 0.2803$, and if you desaturate by 10%, it is $50.9772, 0.2933, 0.3122$.

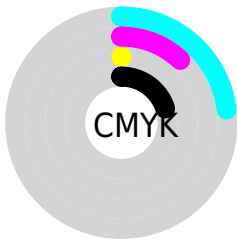
Distribution



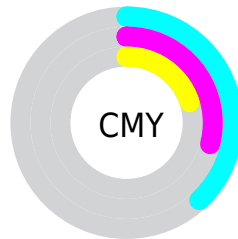
- Red (62%)
- Green (71%)
- Blue (80%)



- Red (62%)
- Yellow (68%)
- Blue (80%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2713, 0.2772, 0.2970 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 44.2713, 0.2772, 0.2970 by changing the saturation by 10% instead.

■ 44.2713, 0.2772,
0.2970

■ 44.2713, 0.2772,
0.2970

■ 363.8142, 0.2949,
0.3131

■ 30.8839, 0.2728,
0.2930

■ 81.6258, 0.2836,
0.3029

■ 20.5104, 0.2671,
0.2878

■ 106.3617, 0.2861,
0.3051

■ 12.7666, 0.2597,
0.2808

■ 135.6492, 0.2881,
0.3069

■ 7.2680, 0.2493,
0.2712

■ 169.8726, 0.2899,
0.3085

■ 3.6303, 0.2341,
0.2568

■ 209.4165, 0.2914,
0.3099

■ 1.4690, 0.2096,
0.2334

■ 254.6651, 0.2927,

■ 0.2667, 0.1083,

0.3111

0.1464

306.0029, 0.2939,
0.3122

0.0000, 0.0000,
0.0000

44.2713, 0.2772,
0.2970

44.2713, 0.2772,
0.2970

38.2419, 0.2607,
0.2803

50.9772, 0.2933,
0.3122

32.8592, 0.2443,
0.2622

58.3771, 0.3089,
0.3258

28.0992, 0.2284,
0.2430

66.4944, 0.3237,
0.3379

23.9338, 0.2135,
0.2229

75.3498, 0.3376,
0.3487

20.3321, 0.2001,
0.2025

84.0019, 0.3470,
0.3584

■ 17.2597, 0.1889,
0.1824

■ 90.2135, 0.3450,
0.3687

■ 14.6764, 0.1801,
0.1631

■ 96.7944, 0.3431,
0.3786

■ 13.0179, 0.1749,
0.1495

■ 97.1379, 0.3430,
0.3791

Harmonies

Analogous

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



44.2713, 0.2726, 0.3089



44.2713, 0.2772, 0.2970



44.2713, 0.2911, 0.2938

Triad

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



44.2713, 0.2772, 0.2970



44.2713, 0.3484, 0.3293



44.2713, 0.3132, 0.3613

Complementary

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



44.2713, 0.2772, 0.2970



48.7490, 0.3519, 0.3590

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.



44.2713, 0.3338, 0.3663



44.2713, 0.2772, 0.2970



44.2713, 0.3546, 0.3470

Square

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



44.2713, 0.2772, 0.2970



44.2713, 0.3323, 0.3122



44.2713, 0.3491, 0.3607



44.2713, 0.2929, 0.3466

Rectangle

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



44.2713, 0.2772, 0.2970



44.2713, 0.3041, 0.2966



44.2713, 0.3491, 0.3607



44.2713, 0.3203, 0.3642

Sweetspot

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



44.2731, 0.2772, 0.2970



90.9742, 0.3019, 0.3198



53.8069, 0.2939, 0.3585



19.3116, 0.3009, 0.3189



0.0000, 0.0000, 0.0000



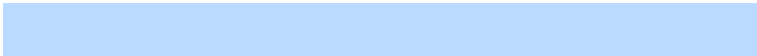
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2731, 0.2772, 0.2970



68.3903, 0.2693, 0.2891



36.1675, 0.2755, 0.2666



11.7148, 0.2983, 0.3166



8.3810, 0.1756, 0.1520



0.5840, 0.1857, 0.1886

Inverse Universe

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



40.5882, 0.3371, 0.3016



61.5605, 0.3437, 0.2954



58.3619, 0.3458, 0.3848



11.3016, 0.3216, 0.3180



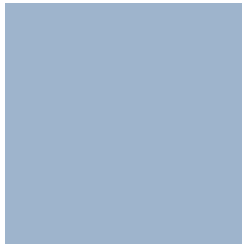
8.6491, 0.5033, 0.2546



0.4615, 0.4584, 0.2299

Previews

White Background



This preview shows how the Yxy color 44.2713, 0.2772, 0.2970 looks on a white background.

Color Contrast Check

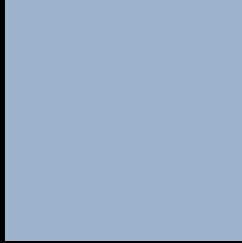
Large Text (above 18pt) WCAG AA × Fail

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 44.2713, 0.2772, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

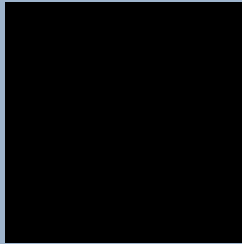
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

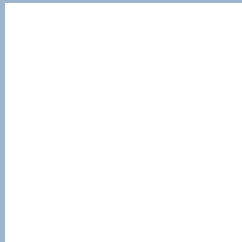
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2713, 0.2772, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 44.2713, 0.2772, 0.2970.



This preview shows how white text looks on a background with the Yxy color 44.2713, 0.2772, 0.2970.

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

44.2713, 0.2772, 0.2970

Protanopia

44.1520, 0.2907, 0.2964

Deuteranopia

44.1187, 0.2942, 0.2883



Tritanopia

44.1012, 0.2813, 0.3086

Trichromacy



Original Color

44.2713, 0.2772, 0.2970

Protanomaly

44.0334, 0.2860, 0.2961

Deuteranomaly

44.3427, 0.2878, 0.2915

Tritanomaly

44.3394, 0.2799, 0.3047

Monochromacy



Original Color

44.2713, 0.2772, 0.2970

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4245, 0.2988, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2713, 0.2772, 0.2970 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(158, 180, 204)` looks like.

```
.text, #text, p{  
    color:rgb(158, 180, 204)  
}
```

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(158, 180, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 180, 204) }
```

Border

The CSS property to change the border of an element to Yxy 44.2713, 0.2772, 0.2970 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(158, 180, 204) }
```

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

```
.border{ border-color:rgb(158, 180, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 180, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 180, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 180, 204);  
box-shadow:4px 4px 4px 4px rgb(158, 180,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2713, 0.2772, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 180, 204) }
```

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

```
.background{ background-color: rgb(158,  
180, 204) }
```

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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