

Converting Colors

$Yxy(42.1835, 0.2712, 0.3030)$

Have a look what the booklet for
Yxy(42.1835, 0.2712, 0.3030)
contains.

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Color

Yxy(42.2467, 0.2708, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	90B3C6
RGB	144, 179, 198
RGB Percent	56%, 70%, 78%
CMY	0.4352, 0.2981, 0.2235
CMYK	0.27, 0.10, 0.00, 0.22
HSL	201°, 32%, 67%
HSV	201°, 27%, 78%
XYZ	37.8195, 42.2467, 59.5923
YIQ	170.7010, -26.9590, -1.5110

Conversions

Conversions Part 2

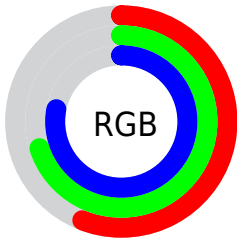
Format	Color
RYB	144, 165, 198
Decimal	9483206
CIELab	71.04, -7.42, -13.53
CIElCh	71, 15.426, 241.262
Yxy	42.2467, 0.2708, 0.3025
Android (android.graphics.Color)	4287673286 (0xFF90B3C6)
YUV	170.7010, 13.4584, -23.4168
Hunter-Lab	64.9975, -9.8833, -8.8612

Details

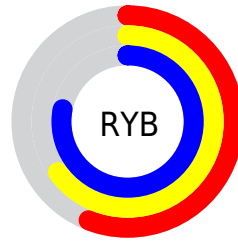
The Yxy color **42.2467, 0.2708, 0.3025** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.2330, 0.3646, 0.3540**, and the grayscale version is **40.5123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7788, 0.2784, 0.3076**, and **19.2106, 0.2589, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **37.8929, 0.2558, 0.2911**, and if you desaturate by 10%, it is **47.0581, 0.2862, 0.3130**.

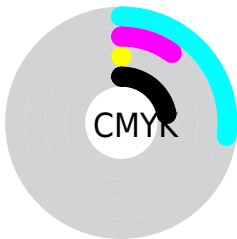
Distribution



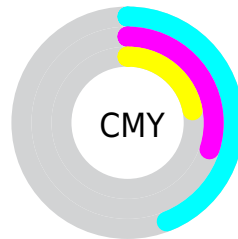
- Red (56%)
- Green (70%)
- Blue (78%)



- Red (56%)
- Yellow (65%)
- Blue (78%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (44%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2467, 0.2708, 0.3025 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 42.2467, 0.2708, 0.3025 by changing the saturation by 10% instead.

■ 42.2467, 0.2708,
0.3025

■ 42.2467, 0.2708,
0.3025

■ 355.5046, 0.2918,
0.3161

■ 29.2945, 0.2656,
0.2990

■ 78.5729, 0.2784,
0.3075

■ 19.3037, 0.2588,
0.2944

■ 102.7156, 0.2813,
0.3094

■ 11.8899, 0.2499,
0.2882

■ 131.3574, 0.2837,
0.3110

■ 6.6688, 0.2374,
0.2794

■ 164.8825, 0.2858,
0.3123

■ 3.2558, 0.2191,
0.2658

■ 203.6754, 0.2876,
0.3135

■ 1.2667, 0.1895,
0.2428

■ 248.1204, 0.2892,

■ 0.1152, 0.0000,

0.3145

0.0968

298.6020, 0.2906,
0.3154

0.0000, 0.0000,
0.0000

42.2467, 0.2708,
0.3025

42.2467, 0.2708,
0.3025

37.8929, 0.2558,
0.2911

47.0581, 0.2862,
0.3130

33.9732, 0.2415,
0.2789

52.3391, 0.3016,
0.3226

30.4693, 0.2282,
0.2660

58.1076, 0.3169,
0.3313

27.3594, 0.2165,
0.2527

64.3789, 0.3317,
0.3390

24.6189, 0.2066,
0.2391

71.1674, 0.3459,
0.3459

■ 22.2196, 0.1987,
0.2256

■ 76.9698, 0.3536,
0.3524

■ 20.1229, 0.1928,
0.2124

■ 80.7266, 0.3522,
0.3593

■ 19.5832, 0.1913,
0.2088

■ 84.6383, 0.3507,
0.3661

■ 88.7066, 0.3492,
0.3727

Harmonies

Analogous

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



42.2467, 0.2731, 0.3199



42.2467, 0.2708, 0.3025



42.2467, 0.2792, 0.2930

Triad

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



42.2467, 0.2708, 0.3025



42.2467, 0.3401, 0.3171



42.2467, 0.3279, 0.3680

Complementary

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



42.2467, 0.2708, 0.3025



40.2330, 0.3646, 0.3540

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.



42.2467, 0.3467, 0.3657



42.2467, 0.2708, 0.3025



42.2467, 0.3540, 0.3358

Square

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



42.2467, 0.2708, 0.3025



42.2467, 0.3188, 0.3016



42.2467, 0.3564, 0.3536



42.2467, 0.3055, 0.3589

Rectangle

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



42.2467, 0.2708, 0.3025



42.2467, 0.2900, 0.2919



42.2467, 0.3564, 0.3536



42.2467, 0.3348, 0.3685

Sweetspot

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



42.2484, 0.2708, 0.3025



91.8345, 0.3003, 0.3218



48.9665, 0.2962, 0.3786



19.3413, 0.2980, 0.3204



0.0000, 0.0000, 0.0000



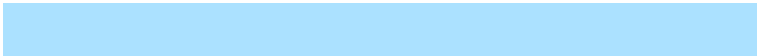
21.4041, 0.3127, 0.3290

Same Dimension

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



42.2484, 0.2708, 0.3025



69.9046, 0.2614, 0.2955



32.5086, 0.2670, 0.2634



11.4144, 0.2984, 0.3207



12.8999, 0.1918, 0.2105



0.7433, 0.1995, 0.2381

Inverse Universe

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



35.2182, 0.3342, 0.2843



55.7849, 0.3406, 0.2737



50.8110, 0.3559, 0.3871



10.7507, 0.3190, 0.3141



8.8422, 0.4335, 0.2162



0.4321, 0.4043, 0.2001

Previews

White Background



This preview shows how the Yxy color 42.2467, 0.2708, 0.3025 looks on a white background.

Color Contrast Check

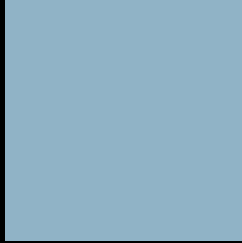
Large Text (above 18pt) WCAG AA × Fail

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 42.2467, 0.2708, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

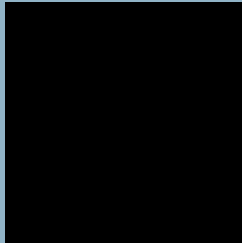
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

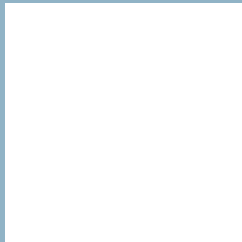
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.2467, 0.2708, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 42.2467, 0.2708, 0.3025.



This preview shows how white text looks on a background with the Yxy color 42.2467, 0.2708, 0.3025.

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

42.2467, 0.2708, 0.3025

Protanopia

42.0580, 0.2942, 0.2997

Deuteranopia

42.0110, 0.2954, 0.2888



Tritanopia

42.3772, 0.2729, 0.3093

Trichromacy



Original Color

42.2467, 0.2708, 0.3025

Protanomaly

42.1771, 0.2854, 0.3019

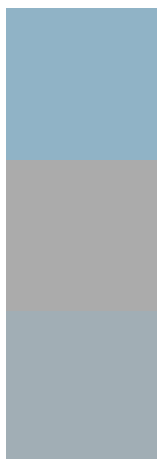
Deuteranomaly

42.1177, 0.2864, 0.2943

Tritanomaly

42.4223, 0.2722, 0.3079

Monochromacy



Original Color

42.2467, 0.2708, 0.3025

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.1854, 0.2959, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2467, 0.2708, 0.3025 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(144, 179, 198)` looks like.

```
.text, #text, p{  
    color:rgb(144, 179, 198)  
}
```

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(144, 179, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 179, 198) }
```

Border

The CSS property to change the border of an element to Yxy 42.2467, 0.2708, 0.3025 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(144, 179, 198) }
```

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

```
.border{ border-color:rgb(144, 179, 198) }
```

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

Here you see how a box with a 4 pixel rgb(144, 179, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 179, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 179, 198);  
box-shadow:4px 4px 4px 4px rgb(144, 179,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2467, 0.2708, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 179, 198) }
```

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

```
.background{ background-color: rgb(144,  
179, 198) }
```

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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