

Converting Colors

$Yxy(45.8093, 0.2727, 0.2981)$

Have a look what the booklet for
Yxy(45.8093, 0.2727, 0.2981)
contains.

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Color

Yxy(45.6560, 0.2727, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	9AB8CF
RGB	154, 184, 207
RGB Percent	60%, 72%, 81%
CMY	0.3959, 0.2785, 0.1881
CMYK	0.26, 0.11, 0.00, 0.19
HSL	206°, 36%, 71%
HSV	206°, 26%, 81%
XYZ	41.7378, 45.6560, 65.6602
YIQ	177.6520, -25.2630, 0.7930

Conversions

Conversions Part 2

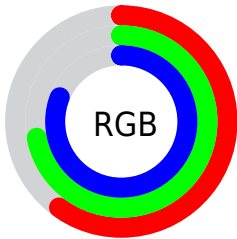
Format	Color
RYB	154, 173, 207
Decimal	10139855
CIELab	73.32, -4.96, -14.97
CIELCh	73, 15.769, 251.653
Yxy	45.6560, 0.2727, 0.2983
Android (android.graphics.Color)	4288329935 (0xFF9AB8CF)
YUV	177.6520, 14.4686, -20.7428
Hunter-Lab	67.5692, -7.9859, -10.3164

Details

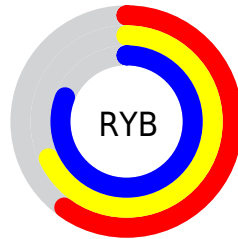
The Yxy color $45.6560, 0.2727, 0.2983$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $47.0797, 0.3596, 0.3578$, and the grayscale version is $44.2651, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.0955, 0.2846, 0.3133$, and $21.3573, 0.2616, 0.2888$ is the 20% darker color. If you saturate the color by 10%, you get $40.1766, 0.2569, 0.2842$, and if you desaturate by 10%, it is $51.7274, 0.2886, 0.3113$.

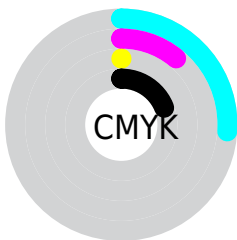
Distribution



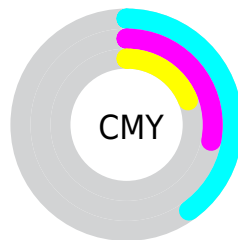
- Red (60%)
- Green (72%)
- Blue (81%)



- Red (60%)
- Yellow (68%)
- Blue (81%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6560, 0.2727, 0.2983 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 45.6560, 0.2727, 0.2983 by changing the saturation by 10% instead.

■ 45.6560, 0.2727,
0.2983

■ 45.6560, 0.2727,
0.2983

■ 369.4239, 0.2925,
0.3138

■ 31.9744, 0.2678,
0.2944

■ 83.7039, 0.2799,
0.3039

■ 21.3420, 0.2616,
0.2894

■ 108.8391, 0.2826,
0.3061

■ 13.3742, 0.2534,
0.2828

■ 138.5610, 0.2848,
0.3078

■ 7.6867, 0.2422,
0.2735

■ 173.2539, 0.2868,
0.3094

■ 3.8952, 0.2258,
0.2597

■ 213.3022, 0.2885,
0.3107

■ 1.6151, 0.2000,
0.2373

■ 259.0904, 0.2900,

■ 0.3677, 0.1073,

0.3118

0.1728

311.0028, 0.2913,
0.3129

0.0000, 0.0000,
0.0000

45.6560, 0.2727,
0.2983

45.6560, 0.2727,
0.2983

40.1766, 0.2569,
0.2842

51.7274, 0.2886,
0.3113

35.2614, 0.2415,
0.2689

58.4062, 0.3042,
0.3230

30.8880, 0.2270,
0.2528

65.7141, 0.3193,
0.3335

27.0302, 0.2138,
0.2361

73.6699, 0.3338,
0.3428

23.6589, 0.2023,
0.2191

81.8030, 0.3457,
0.3512

■ 20.7407, 0.1929,
0.2023

■ 86.9140, 0.3441,
0.3600

■ 18.2357, 0.1858,
0.1860

■ 92.2871, 0.3425,
0.3686

■ 17.2323, 0.1830,
0.1789

■ 97.2863, 0.3412,
0.3760

Harmonies

Analogous

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



45.6560, 0.2712, 0.3132



45.6560, 0.2727, 0.2983



45.6560, 0.2845, 0.2920

Triad

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



45.6560, 0.2727, 0.2983



45.6560, 0.3459, 0.3234



45.6560, 0.3202, 0.3660

Complementary

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



45.6560, 0.2727, 0.2983



47.0797, 0.3596, 0.3578

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.



45.6560, 0.3408, 0.3676



45.6560, 0.2727, 0.2983



45.6560, 0.3561, 0.3423

Square

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



45.6560, 0.2727, 0.2983



45.6560, 0.3266, 0.3064



45.6560, 0.3542, 0.3586



45.6560, 0.2981, 0.3533

Rectangle

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



45.6560, 0.2727, 0.2983



45.6560, 0.2969, 0.2931



45.6560, 0.3542, 0.3586



45.6560, 0.3275, 0.3678

Sweetspot

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



45.6578, 0.2727, 0.2983



90.8051, 0.3003, 0.3202



54.6872, 0.2943, 0.3692



19.0817, 0.2979, 0.3184



0.0000, 0.0000, 0.0000



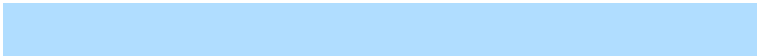
21.4041, 0.3127, 0.3290

Same Dimension

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



45.6578, 0.2727, 0.2983



67.9622, 0.2635, 0.2903



35.6903, 0.2694, 0.2616



12.5106, 0.2983, 0.3186



11.0455, 0.1837, 0.1811



0.7739, 0.1919, 0.2109

Inverse Universe

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



39.8555, 0.3368, 0.2921



57.4918, 0.3439, 0.2835



58.5494, 0.3520, 0.3885



11.9186, 0.3203, 0.3159



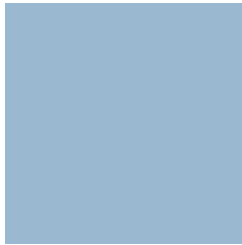
9.1863, 0.4672, 0.2347



0.5294, 0.4332, 0.2160

Previews

White Background



This preview shows how the Yxy color 45.6560, 0.2727, 0.2983 looks on a white background.

Color Contrast Check

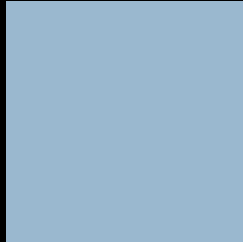
Large Text (above 18pt) WCAG AA × Fail

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 45.6560, 0.2727, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

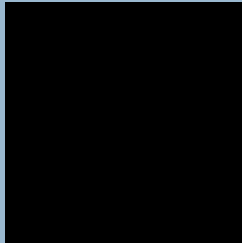
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

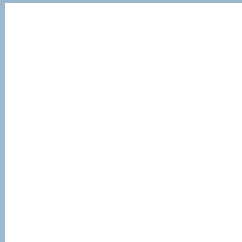
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6560, 0.2727, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 45.6560, 0.2727, 0.2983.



This preview shows how white text looks on a background with the Yxy color 45.6560, 0.2727, 0.2983.

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

45.6560, 0.2727, 0.2983

Protanopia

45.3827, 0.2917, 0.2968

Deuteranopia

45.3307, 0.2929, 0.2863



Tritanopia

45.6404, 0.2767, 0.3087

Trichromacy



Original Color

45.6560, 0.2727, 0.2983

Protanomaly

45.3270, 0.2848, 0.2976

Deuteranomaly

45.1655, 0.2849, 0.2904

Tritanomaly

45.7820, 0.2747, 0.3048

Monochromacy



Original Color

45.6560, 0.2727, 0.2983

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.7517, 0.2965, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6560, 0.2727, 0.2983 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(154, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(154, 184, 207)  
}
```

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(154, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 184, 207) }
```

Border

The CSS property to change the border of an element to Yxy 45.6560, 0.2727, 0.2983 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(154, 184, 207) }
```

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

```
.border{ border-color:rgb(154, 184, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 184, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(154, 184,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6560, 0.2727, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 184, 207) }
```

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

```
.background{ background-color: rgb(154,  
184, 207) }
```

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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