

Converting Colors

$Yxy(45.6834, 0.2786, 0.2969)$

Have a look what the booklet for
Yxy(45.6834, 0.2786, 0.2969)
contains.

Yxy(45.6423, 0.2783, 0.2962)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.6423, 0.2783, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	A2B6CF
RGB	162, 182, 207
RGB Percent	64%, 71%, 81%
CMY	0.3648, 0.2862, 0.1883
CMYK	0.22, 0.12, 0.00, 0.19
HSL	213°, 32%, 72%
HSV	213°, 22%, 81%
XYZ	42.8840, 45.6423, 65.5665
YIQ	178.8700, -19.9450, 3.5350

Conversions

Conversions Part 2

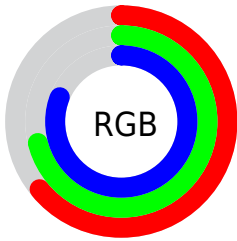
Format	Color
R_{YB}	162, 176, 207
Decimal	10663631
CIE _{Lab}	73.31, -1.48, -14.90
CIE _{LCh}	73, 14.975, 264.338
Yxy	45.6423, 0.2783, 0.2962
Android (android.graphics.Color)	4288853711 (0xFFA2B6CF)
YUV	178.8700, 13.8681, -14.7950
Hunter-Lab	67.5591, -4.9231, -10.2499

Details

The Yxy color **45.6423, 0.2783, 0.2962** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.3838, 0.3501, 0.3597**, and the grayscale version is **44.9373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1208, 0.2894, 0.3114**, and **21.3154, 0.2687, 0.2860** is the 20% darker color. If you saturate the color by 10%, you get **39.1406, 0.2616, 0.2785**, and if you desaturate by 10%, it is **52.8900, 0.2945, 0.3123**.

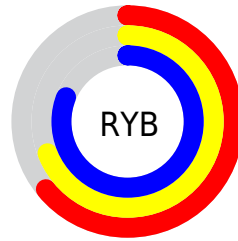
Distribution



Red (64%)

Green (71%)

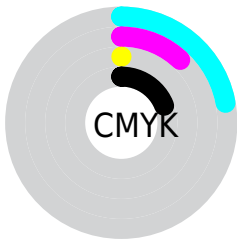
Blue (81%)



Red (64%)

Yellow (69%)

Blue (81%)

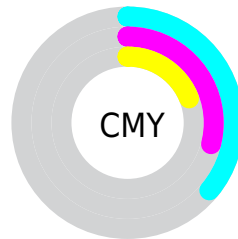


Cyan (22%)

Magenta (12%)

Yellow (0%)

Black (19%)



Cyan (36%)

Magenta (29%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.6423, 0.2783, 0.2962 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 45.6423, 0.2783, 0.2962 by changing the saturation by 10% instead.

■ 45.6423, 0.2783,
0.2962

■ 45.6423, 0.2783,
0.2962

■ 369.3687, 0.2954,
0.3126

■ 31.9636, 0.2741,
0.2921

■ 83.6834, 0.2845,
0.3021

■ 21.3337, 0.2687,
0.2869

■ 108.8147, 0.2868,
0.3044

■ 13.3682, 0.2615,
0.2800

■ 138.5322, 0.2888,
0.3063

■ 7.6826, 0.2517,
0.2704

■ 173.2205, 0.2905,
0.3079

■ 3.8925, 0.2373,
0.2563

■ 213.2639, 0.2920,
0.3093

■ 1.6136, 0.2143,
0.2336

■ 259.0468, 0.2933,

■ 0.3668, 0.1418,

0.3105

0.1664

310.9536, 0.2944,
0.3116

0.0000, 0.0000,
0.0000

45.6423, 0.2783,
0.2962

45.6423, 0.2783,
0.2962

39.1406, 0.2616,
0.2785

52.8900, 0.2945,
0.3123

33.3527, 0.2448,
0.2593

60.9034, 0.3101,
0.3267

28.2520, 0.2284,
0.2388

69.7080, 0.3248,
0.3394

23.8078, 0.2129,
0.2174

79.3265, 0.3385,
0.3507

19.9866, 0.1990,
0.1957

87.7423, 0.3439,
0.3614

■ 16.7510, 0.1871,
0.1744

■ 94.6955, 0.3419,
0.3723

■ 14.0576, 0.1778,
0.1542

■ 97.2839, 0.3412,
0.3761

■ 12.1876, 0.1719,
0.1387

Harmonies

Analogous

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



45.6423, 0.2726, 0.3072



45.6423, 0.2783, 0.2962



45.6423, 0.2931, 0.2940

Triad

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



45.6423, 0.2783, 0.2962



45.6423, 0.3496, 0.3313



45.6423, 0.3108, 0.3601

Complementary

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



45.6423, 0.2783, 0.2962



51.3838, 0.3501, 0.3597

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.



45.6423, 0.3317, 0.3663



45.6423, 0.2783, 0.2962



45.6423, 0.3546, 0.3488

Square

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



45.6423, 0.2783, 0.2962



45.6423, 0.3344, 0.3139



45.6423, 0.3479, 0.3618



45.6423, 0.2909, 0.3446

Rectangle

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



45.6423, 0.2783, 0.2962



45.6423, 0.3064, 0.2974



45.6423, 0.3479, 0.3618



45.6423, 0.3180, 0.3634

Sweetspot

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



45.6442, 0.2783, 0.2962



90.6150, 0.3019, 0.3192



55.8698, 0.2935, 0.3554



19.2284, 0.3009, 0.3183



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.



45.6442, 0.2783, 0.2962



68.2596, 0.2707, 0.2883



38.2512, 0.2782, 0.2692



12.2719, 0.2982, 0.3158



7.8631, 0.1726, 0.1412



0.5968, 0.1825, 0.1768

Inverse Universe

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



42.4713, 0.3374, 0.3044



62.5999, 0.3441, 0.2989



60.1633, 0.3434, 0.3831



11.8945, 0.3222, 0.3187



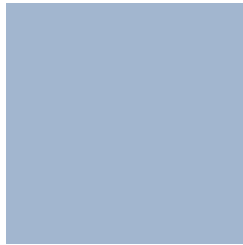
8.8651, 0.5174, 0.2624



0.5115, 0.4723, 0.2376

Previews

White Background



This preview shows how the Yxy color 45.6423, 0.2783, 0.2962 looks on a white background.

Color Contrast Check

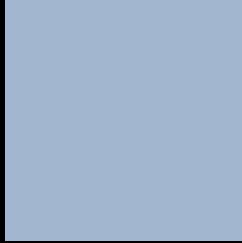
Large Text (above 18pt) WCAG AA × Fail

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 45.6423, 0.2783, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

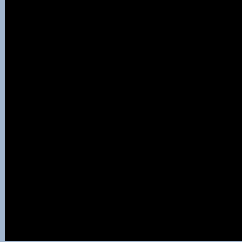
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

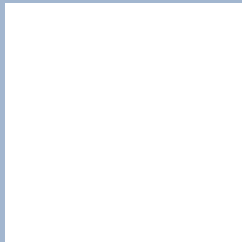
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.6423, 0.2783, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 45.6423, 0.2783, 0.2962.



This preview shows how white text looks on a background with the Yxy color 45.6423, 0.2783, 0.2962.

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

45.6423, 0.2783, 0.2962

Protanopia

45.3625, 0.2895, 0.2943

Deuteranopia

45.4044, 0.2944, 0.2876



Tritanopia

45.4178, 0.2831, 0.3089

Trichromacy



Original Color

45.6423, 0.2783, 0.2962

Protanomaly

45.2425, 0.2849, 0.2940

Deuteranomaly

45.6250, 0.2881, 0.2907

Tritanomaly

45.6611, 0.2818, 0.3050

Monochromacy



Original Color

45.6423, 0.2783, 0.2962

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.2009, 0.2998, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6423, 0.2783, 0.2962 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(162, 182, 207)` looks like.

```
.text, #text, p{  
    color:rgb(162, 182, 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(162, 182, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 182, 207) }
```

Border

The CSS property to change the border of an element to Yxy 45.6423, 0.2783, 0.2962 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(162, 182, 207) }
```

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

```
.border{ border-color:rgb(162, 182, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 182, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 182, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 182, 207);  
box-shadow:4px 4px 4px 4px rgb(162, 182,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6423, 0.2783, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 182, 207) }
```

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

```
.background{ background-color: rgb(162,  
182, 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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