

Converting Colors

$Yxy(44.5501, 0.2729, 0.2986)$

Have a look what the booklet for
Yxy(44.5501, 0.2729, 0.2986)
contains.

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Color

Yxy(44.5391, 0.2723, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	98B6CD
RGB	152, 182, 205
RGB Percent	60%, 71%, 80%
CMY	0.4039, 0.2863, 0.1960
CMYK	0.26, 0.11, 0.00, 0.20
HSL	206°, 35%, 70%
HSV	206°, 26%, 80%
XYZ	40.6980, 44.5391, 64.2230
YIQ	175.6520, -25.2630, 0.7930

Conversions

Conversions Part 2

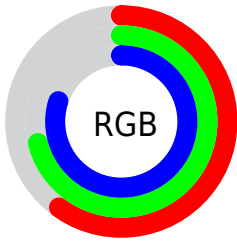
Format	Color
R _{YB}	152, 171, 205
Decimal	10008269
CIE Lab	72.59, -4.98, -14.99
CIE LCh	73, 15.797, 251.621
Yxy	44.5391, 0.2723, 0.2980
Android (android.graphics.Color)	4288198349 (0xFF98B6CD)
YUV	175.6520, 14.4686, -20.7428
Hunter-Lab	66.7376, -7.9379, -10.3397

Details

The Yxy color **44.5391, 0.2723, 0.2980** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9172, 0.3602, 0.3581**, and the grayscale version is **43.1600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6345, 0.2833, 0.3111**, and **20.6442, 0.2610, 0.2883** is the 20% darker color. If you saturate the color by 10%, you get **39.1997, 0.2565, 0.2839**, and if you desaturate by 10%, it is **50.4558, 0.2882, 0.3110**.

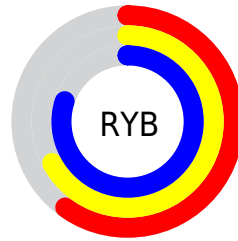
Distribution



Red (60%)

Green (71%)

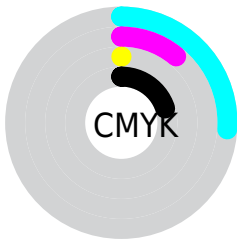
Blue (80%)



Red (60%)

Yellow (67%)

Blue (80%)

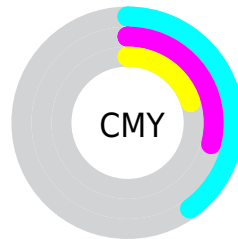


Cyan (26%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5391, 0.2723, 0.2980 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 44.5391, 0.2723, 0.2980 by changing the saturation by 10% instead.


 44.5391, 0.2723,
0.2980


 44.5391, 0.2723,
0.2980


364.9037, 0.2924,
0.3137

 31.0945, 0.2673,
0.2940


 82.0283, 0.2796,
0.3037

 20.6709, 0.2610,
0.2889


 106.8418, 0.2823,
0.3059

 12.8836, 0.2526,
0.2821


136.2138, 0.2846,
0.3077

 7.3485, 0.2410,
0.2726

170.5285, 0.2866,
0.3092

 3.6810, 0.2241,
0.2583

210.1705, 0.2884,
0.3106

 1.4967, 0.1974,
0.2350

255.5241, 0.2899,

 0.2864, 0.0813,

0.3117

0.1545

306.9737, 0.2912,
0.3128

0.0000, 0.0000,
0.0000

44.5391, 0.2723,
0.2980

44.5391, 0.2723,
0.2980

39.1997, 0.2565,
0.2839

50.4558, 0.2882,
0.3110

34.4103, 0.2412,
0.2687

56.9650, 0.3038,
0.3227

30.1492, 0.2267,
0.2526

64.0876, 0.3189,
0.3332

26.3908, 0.2135,
0.2359

71.8422, 0.3334,
0.3426

23.1064, 0.2021,
0.2189

80.2461, 0.3472,
0.3508

■ 20.2635, 0.1928,
0.2021

■ 85.3206, 0.3459,
0.3595

■ 17.8226, 0.1857,
0.1858

■ 90.5579, 0.3443,
0.3680

■ 16.9016, 0.1831,
0.1792

■ 96.0539, 0.3427,
0.3764

■ 97.1889, 0.3424,
0.3780

Harmonies

Analogous

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



44.5391, 0.2708, 0.3131



44.5391, 0.2723, 0.2980



44.5391, 0.2842, 0.2916

Triad

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



44.5391, 0.2723, 0.2980



44.5391, 0.3462, 0.3233



44.5391, 0.3203, 0.3664

Complementary

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



44.5391, 0.2723, 0.2980



45.9172, 0.3602, 0.3581

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.



44.5391, 0.3411, 0.3680



44.5391, 0.2723, 0.2980



44.5391, 0.3565, 0.3424

Square

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



44.5391, 0.2723, 0.2980



44.5391, 0.3267, 0.3062



44.5391, 0.3546, 0.3588



44.5391, 0.2980, 0.3535

Rectangle

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



44.5391, 0.2723, 0.2980



44.5391, 0.2967, 0.2927



44.5391, 0.3546, 0.3588



44.5391, 0.3277, 0.3682

Sweetspot

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



44.5409, 0.2723, 0.2980



90.8127, 0.3003, 0.3202



53.4430, 0.2941, 0.3696



19.0836, 0.2979, 0.3184



0.0000, 0.0000, 0.0000



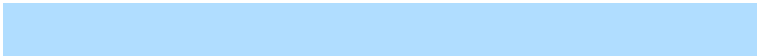
21.4041, 0.3127, 0.3290

Same Dimension

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



44.5409, 0.2723, 0.2980



67.9879, 0.2635, 0.2903



34.7053, 0.2689, 0.2608



11.8797, 0.2983, 0.3187



10.7116, 0.1838, 0.1815



0.7018, 0.1925, 0.2131

Inverse Universe

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



38.8162, 0.3371, 0.2917



57.4944, 0.3439, 0.2834



57.2503, 0.3524, 0.3891



11.3182, 0.3203, 0.3160



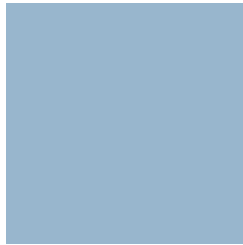
8.8843, 0.4667, 0.2345



0.4734, 0.4307, 0.2146

Previews

White Background



This preview shows how the Yxy color 44.5391, 0.2723, 0.2980 looks on a white background.

Color Contrast Check

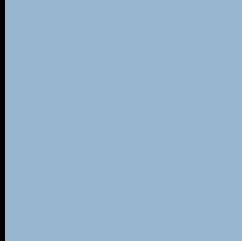
Large Text (above 18pt) WCAG AA × Fail

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 44.5391, 0.2723, 0.2980 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

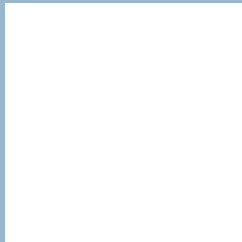
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5391, 0.2723, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 44.5391, 0.2723, 0.2980.



This preview shows how white text looks on a background with the Yxy color 44.5391, 0.2723, 0.2980.

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

44.5391, 0.2723, 0.2980

Protanopia

44.2664, 0.2915, 0.2965

Deuteranopia

44.2159, 0.2927, 0.2859



Tritanopia

44.4282, 0.2756, 0.3084

Trichromacy



Original Color

44.5391, 0.2723, 0.2980

Protanomaly

44.2120, 0.2845, 0.2973

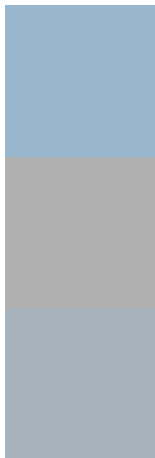
Deuteranomaly

44.0529, 0.2847, 0.2900

Tritanomaly

44.6633, 0.2744, 0.3045

Monochromacy



Original Color

44.5391, 0.2723, 0.2980

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6441, 0.2964, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5391, 0.2723, 0.2980 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(152, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(152, 182, 205)  
}
```

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(152, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 182, 205) }
```

Border

The CSS property to change the border of an element to Yxy 44.5391, 0.2723, 0.2980 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(152, 182, 205) }
```

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

```
.border{ border-color:rgb(152, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(152, 182,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5391, 0.2723, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 182, 205) }
```

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

```
.background{ background-color: rgb(152,  
182, 205) }
```

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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