

Converting Colors

$Y_{xy}(23.5201, 0.2718, 0.2734)$

Have a look what the booklet for
Yxy(23.5201, 0.2718, 0.2734)
contains.

Yxy(23.5042, 0.2723, 0.2741)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.5042, 0.2723, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	7C84A5
RGB	124, 132, 165
RGB Percent	49%, 52%, 65%
CMY	0.5139, 0.4823, 0.3530
CMYK	0.25, 0.20, 0.00, 0.35
HSL	228°, 19%, 57%
HSV	228°, 25%, 65%
XYZ	23.3498, 23.5042, 38.8964
YIQ	133.3700, -15.3610, 8.5670

Conversions

Conversions Part 2

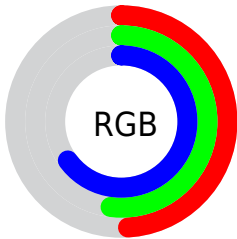
Format	Color
R_{YB}	124, 131, 165
Decimal	8160421
CIE _{Lab}	55.59, 4.58, -18.48
CIE _{LCh}	56, 19.042, 283.920
Y _{xy}	23.5042, 0.2723, 0.2741
Android (android.graphics.Color)	4286350501 (0xFF7C84A5)
YUV	133.3700, 15.5936, -8.2175
Hunter-Lab	48.4811, 1.1285, -13.6316

Details

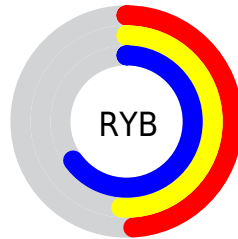
The Yxy color **23.5042, 0.2723, 0.2741** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.5443, 0.3520, 0.3785**, and the grayscale version is **23.5419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2123, 0.2809, 0.2857**, and **8.8346, 0.2572, 0.2554** is the 20% darker color. If you saturate the color by 10%, you get **19.0061, 0.2539, 0.2477**, and if you desaturate by 10%, it is **28.6670, 0.2896, 0.2981**.

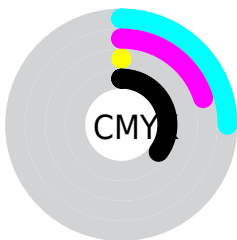
Distribution



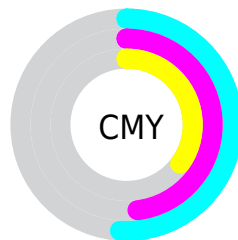
- Red (49%)
- Green (52%)
- Blue (65%)



- Red (49%)
- Yellow (51%)
- Blue (65%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.5042, 0.2723, 0.2741 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 23.5042, 0.2723, 0.2741 by changing the saturation by 10% instead.

■ 23.5042, 0.2723,
0.2741

■ 23.5042, 0.2723,
0.2741

270.3042, 0.2947,
0.3040

■ 14.9662, 0.2659,
0.2658

■ 49.2199, 0.2810,
0.2856

■ 8.7957, 0.2572,
0.2545

■ 67.1664, 0.2841,
0.2897

■ 4.6082, 0.2446,
0.2386

■ 89.0180, 0.2866,
0.2931

■ 2.0192, 0.2250,
0.2143

115.1589, 0.2888,
0.2960

■ 0.6186, 0.1906,
0.1685

145.9736, 0.2906,
0.2984

■ 0.0000, 0.0000,
0.0000

181.8464, 0.2921,

0.3005

223.1618, 0.2935,
0.3024

■ 23.5042, 0.2723,
0.2741

■ 23.5042, 0.2723,
0.2741

■ 19.0061, 0.2539,
0.2477

■ 28.6670, 0.2896,
0.2981

■ 15.1426, 0.2348,
0.2194

■ 34.5175, 0.3055,
0.3195

■ 11.8853, 0.2158,
0.1900

■ 41.0808, 0.3199,
0.3384

■ 9.2027, 0.1977,
0.1606

■ 48.3800, 0.3329,
0.3550

■ 7.0601, 0.1816,
0.1328

■ 56.4374, 0.3445,
0.3694

■ 5.4189, 0.1686,
0.1083

■ 65.2739, 0.3548,
0.3819

■ 4.2344, 0.1594,
0.0885

■ 74.9099, 0.3640,
0.3928

■ 3.7697, 0.1556,
0.0802

■ 85.1837, 0.3714,
0.4024

■ 93.1963, 0.3672,
0.4141

Harmonies

Analogous

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



23.5042, 0.2542, 0.2816



23.5042, 0.2723, 0.2741



23.5042, 0.3018, 0.2800

Triad

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



23.5042, 0.2723, 0.2741



23.5042, 0.3789, 0.3499



23.5042, 0.2881, 0.3641

Complementary

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



23.5042, 0.2723, 0.2741



33.5443, 0.3520, 0.3785

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.



23.5042, 0.3208, 0.3849



23.5042, 0.2723, 0.2741



23.5042, 0.3741, 0.3741

Square

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



23.5042, 0.2723, 0.2741



23.5042, 0.3646, 0.3222



23.5042, 0.3525, 0.3879



23.5042, 0.2629, 0.3329

Rectangle

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



23.5042, 0.2723, 0.2741



23.5042, 0.3245, 0.2904



23.5042, 0.3525, 0.3879



23.5042, 0.2986, 0.3727

Sweetspot

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



23.5051, 0.2723, 0.2741



59.3464, 0.3020, 0.3149



33.6146, 0.2832, 0.3421



12.8454, 0.3012, 0.3137



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



23.5051, 0.2723, 0.2741



37.3789, 0.2619, 0.2594



22.3794, 0.2839, 0.2627



7.0746, 0.2987, 0.3104



2.9108, 0.1560, 0.0816



0.1192, 0.1725, 0.1409

Inverse Universe

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



24.0706, 0.3536, 0.3166



38.7481, 0.3663, 0.3136



35.1008, 0.3370, 0.3922



7.1076, 0.3255, 0.3246



6.1380, 0.6044, 0.3103



0.1348, 0.5179, 0.2627

Previews

White Background



This preview shows how the Yxy color 23.5042, 0.2723, 0.2741 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5042, 0.2723, 0.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

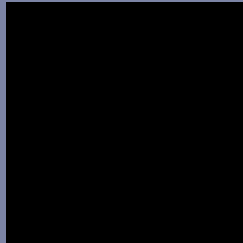
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

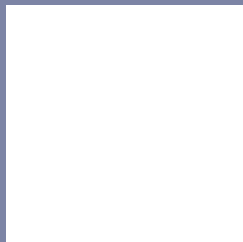
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.5042, 0.2723, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 23.5042, 0.2723, 0.2741.



This preview shows how white text looks on a background with the Yxy color 23.5042, 0.2723, 0.2741.

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

23.5042, 0.2723, 0.2741

Protanopia

23.5791, 0.2733, 0.2742

Deuteranopia

23.3490, 0.2770, 0.2714



Tritanopia

23.3963, 0.2858, 0.3096

Trichromacy



Original Color

23.5042, 0.2723, 0.2741

Protanomaly

23.5791, 0.2733, 0.2742

Deuteranomaly

23.4612, 0.2751, 0.2728

Tritanomaly

23.4150, 0.2803, 0.2962

Monochromacy



Original Color

23.5042, 0.2723, 0.2741

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.5652, 0.2971, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5042, 0.2723, 0.2741 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(124, 132, 165)` looks like.

```
.text, #text, p{  
    color:rgb(124, 132, 165)  
}
```

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(124, 132, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 132, 165) }
```

Border

The CSS property to change the border of an element to Yxy 23.5042, 0.2723, 0.2741 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(124, 132, 165) }
```

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

```
.border{ border-color:rgb(124, 132, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 132, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 132, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 132, 165);  
box-shadow:4px 4px 4px 4px rgb(124, 132,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5042, 0.2723, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 132, 165) }
```

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

```
.background{ background-color: rgb(124,  
132, 165) }
```

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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