

Converting Colors

$Yxy(23.2574, 0.2199, 0.2557)$

Have a look what the booklet for
Yxy(23.2574, 0.2199, 0.2557)
contains.

Yxy(23.2574, 0.2199, 0.2557)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(23.2574, 0.2199, 0.2557)$

Conversions

Conversions Part 1

Format	Color
Hex	418CB6
RGB	65, 140, 182
RGB Percent	25%, 55%, 71%
CMY	0.7452, 0.4510, 0.2862
CMYK	0.64, 0.23, 0.00, 0.29
HSL	202°, 47%, 48%
HSV	202°, 64%, 71%
XYZ	20.0012, 23.2574, 47.6972
YIQ	122.3630, -58.1820, -2.8380

Conversions

Conversions Part 2

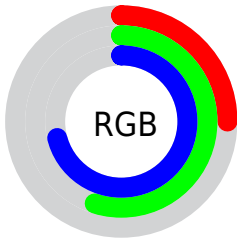
Format	Color
R _Y B	65, 111, 182
Decimal	4295862
CIE Lab	55.34, -10.08, -28.90
CIE LCh	55, 30.609, 250.765
Yxy	23.2574, 0.2199, 0.2557
Android (android.graphics.Color)	4282485942 (0xFF418CB6)
YUV	122.3630, 29.4010, -50.3074
Hunter-Lab	48.2259, -10.3644, -24.8819

Details

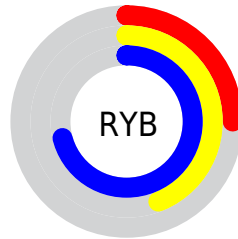
The Yxy color **23.2574, 0.2199, 0.2557** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **20.8409, 0.4721, 0.3858**, and the grayscale version is **19.5021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5981, 0.2386, 0.2709**, and **8.8973, 0.1974, 0.2305** is the 20% darker color. If you saturate the color by 10%, you get **20.8811, 0.2093, 0.2420**, and if you desaturate by 10%, it is **25.9488, 0.2322, 0.2691**.

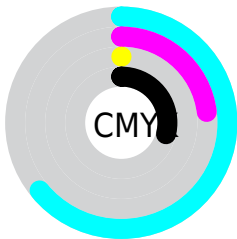
Distribution



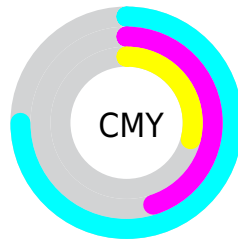
- Red (25%)
- Green (55%)
- Blue (71%)



- Red (25%)
- Yellow (44%)
- Blue (71%)



- Cyan (64%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.2574, 0.2199, 0.2557 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 23.2574, 0.2199, 0.2557 by changing the saturation by 10% instead.

■ 23.2574, 0.2199,
0.2557

■ 23.2574, 0.2199,
0.2557

■ 269.0443, 0.2696,
0.2963

■ 14.7837, 0.2066,
0.2443

■ 48.8156, 0.2387,
0.2714

■ 8.6677, 0.1892,
0.2289

■ 66.6689, 0.2455,
0.2770

■ 4.5251, 0.1655,
0.2074

■ 88.4176, 0.2512,
0.2817

■ 1.9714, 0.1323,
0.1757

■ 114.4459, 0.2560,
0.2856

■ 0.5908, 0.0662,
0.1240

■ 145.1384, 0.2601,
0.2889

■ 0.0000, 0.0000,
0.0000

180.8793, 0.2637,

0.2917

222.0532, 0.2668,
0.2942

■ 23.2574, 0.2199,
0.2557

■ 23.2574, 0.2199,
0.2557

■ 20.8811, 0.2093,
0.2420

■ 25.9488, 0.2322,
0.2691

■ 18.7955, 0.2007,
0.2283

■ 28.9721, 0.2458,
0.2820

■ 16.9751, 0.1941,
0.2148

■ 32.3456, 0.2604,
0.2941

■ 16.0259, 0.1909,
0.2071

■ 36.0850, 0.2755,
0.3054

■ 40.2051, 0.2909,
0.3158

■ 44.7198, 0.3062,
0.3252

■ 49.6421, 0.3212,
0.3337

■ 54.9842, 0.3358,
0.3413

■ 60.7579, 0.3498,
0.3480

Harmonies

Analogous

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



23.2574, 0.2170, 0.2889



23.2574, 0.2199, 0.2557



23.2574, 0.2448, 0.2437

Triad

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



23.2574, 0.2199, 0.2557



23.2574, 0.3928, 0.3124



23.2574, 0.3294, 0.4239

Complementary

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



23.2574, 0.2199, 0.2557



20.8409, 0.4721, 0.3858

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.



23.2574, 0.3794, 0.4223



23.2574, 0.2199, 0.2557



23.2574, 0.4189, 0.3544

Square

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



23.2574, 0.2199, 0.2557



23.2574, 0.3434, 0.2760



23.2574, 0.4131, 0.3945



23.2574, 0.2773, 0.3923

Rectangle

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



23.2574, 0.2199, 0.2557



23.2574, 0.2724, 0.2469



23.2574, 0.4131, 0.3945



23.2574, 0.3470, 0.4271

Sweetspot

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



23.2582, 0.2199, 0.2557



69.0420, 0.2832, 0.3107



35.6235, 0.2812, 0.4657



14.7847, 0.2788, 0.3077



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



23.2582, 0.2199, 0.2557



36.2772, 0.2056, 0.2365



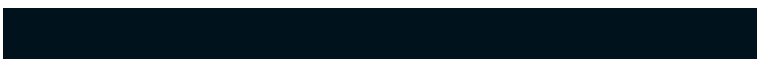
10.6165, 0.1958, 0.1519



9.6536, 0.2985, 0.3206



11.4450, 0.1913, 0.2087



0.5161, 0.2009, 0.2433

Inverse Universe

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



15.6184, 0.3812, 0.2297



23.6830, 0.4030, 0.2183



37.0430, 0.4148, 0.4572



9.1065, 0.3191, 0.3144



7.9377, 0.4356, 0.2173



0.2912, 0.3989, 0.1971

Previews

White Background



This preview shows how the Yxy color 23.2574, 0.2199, 0.2557 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 23.2574, 0.2199, 0.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

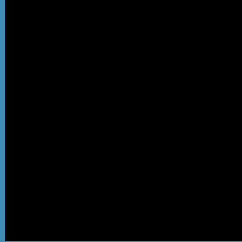
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

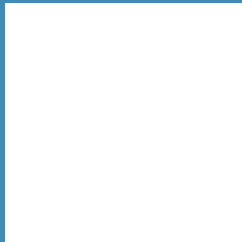
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.2574, 0.2199, 0.2557

Background



This preview shows how black text looks on a background with the Yxy color 23.2574, 0.2199, 0.2557.

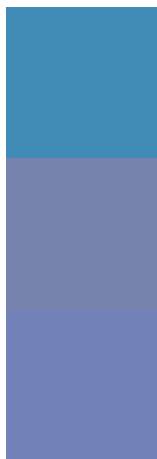


This preview shows how white text looks on a background with the Yxy color 23.2574, 0.2199, 0.2557.

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

23.2574, 0.2199, 0.2557

Protanopia

23.0535, 0.2599, 0.2553

Deuteranopia

23.0034, 0.2478, 0.2418



Tritanopia

23.3812, 0.2309, 0.3078

Trichromacy



Original Color

23.2574, 0.2199, 0.2557

Protanomaly

22.9739, 0.2419, 0.2547

Deuteranomaly

22.9559, 0.2356, 0.2470

Tritanomaly

23.2314, 0.2269, 0.2881

Monochromacy



Original Color

23.2574, 0.2199, 0.2557

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.4808, 0.2680, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2574, 0.2199, 0.2557 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(65, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(65, 140, 182)  
}
```

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(65, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 140, 182) }
```

Border

The CSS property to change the border of an element to Yxy 23.2574, 0.2199, 0.2557 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(65, 140, 182) }
```

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

```
.border{ border-color:rgb(65, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(65, 140,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2574, 0.2199, 0.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 140, 182) }
```

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

```
.background{ background-color: rgb(65, 140,  
182) }
```

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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