

Converting Colors

$Y_{xy}(24.1044, 0.2353, 0.2181)$

Have a look what the booklet for
Yxy(24.1044, 0.2353, 0.2181)
contains.

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Color

Yxy(24.2371, 0.2355, 0.2188)

Conversions

Conversions Part 1

Format	Color
Hex	7383CC
RGB	115, 131, 204
RGB Percent	45%, 51%, 80%
CMY	0.5491, 0.4863, 0.1999
CMYK	0.44, 0.36, 0.00, 0.20
HSL	229°, 47%, 63%
HSV	229°, 44%, 80%
XYZ	26.0870, 24.2371, 60.4487
YIQ	134.5380, -32.9690, 19.3110

Conversions

Conversions Part 2

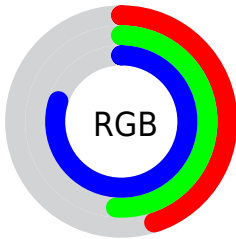
Format	Color
R _Y B	115, 129, 204
Decimal	7570380
CIE Lab	56.32, 13.19, -39.68
CIE LCh	56, 41.815, 288.392
Yxy	24.2371, 0.2355, 0.2188
Android (android.graphics.Color)	4285760460 (0xFF7383CC)
YUV	134.5380, 34.2448, -17.1348
Hunter-Lab	49.2312, 8.4304, -38.3377

Details

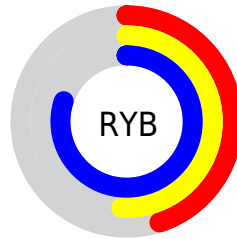
The Yxy color **24.2371, 0.2355, 0.2188** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.0536, 0.3849, 0.4189**, and the grayscale version is **23.9289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0470, 0.2546, 0.2461**, and **9.1652, 0.2098, 0.1865** is the 20% darker color. If you saturate the color by 10%, you get **18.8668, 0.2160, 0.1884**, and if you desaturate by 10%, it is **30.6413, 0.2550, 0.2480**.

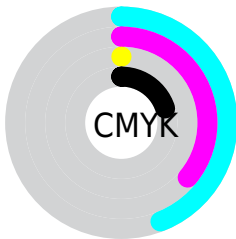
Distribution



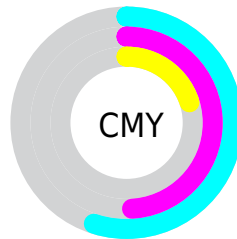
- Red (45%)
- Green (51%)
- Blue (80%)



- Red (45%)
- Yellow (51%)
- Blue (80%)



- Cyan (44%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (49%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.2371, 0.2355, 0.2188 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 24.2371, 0.2355, 0.2188 by changing the saturation by 10% instead.

■ 24.2371, 0.2355,
0.2188

■ 24.2371, 0.2355,
0.2188

274.0170, 0.2772,
0.2758

■ 15.5096, 0.2243,
0.2044

■ 50.4168, 0.2513,
0.2397

■ 9.1778, 0.2096,
0.1860

■ 68.6379, 0.2570,
0.2476

■ 4.8573, 0.1897,
0.1619

■ 90.7922, 0.2618,
0.2541

■ 2.1638, 0.1617,
0.1297

117.2642, 0.2659,
0.2597

■ 0.7002, 0.1215,
0.0854

148.4383, 0.2693,
0.2646

■ 0.0000, 0.0000,
0.0000

184.6988, 0.2723,

0.2688

226.4303, 0.2749,
0.2725

■ 24.2371, 0.2355,
0.2188

■ 24.2371, 0.2355,
0.2188

■ 18.8668, 0.2160,
0.1884

■ 30.6413, 0.2550,
0.2480

■ 14.4724, 0.1974,
0.1581

■ 38.1276, 0.2738,
0.2752

■ 10.9942, 0.1809,
0.1297

■ 46.7446, 0.2913,
0.2998

■ 8.3648, 0.1677,
0.1048

■ 56.5370, 0.3073,
0.3217

■ 6.5060, 0.1584,
0.0852

■ 67.5470, 0.3217,
0.3410

■ 5.6650, 0.1544,
0.0757

■ 79.8147, 0.3346,
0.3578

■ 92.8415, 0.3442,
0.3726

■ 97.1411, 0.3430,
0.3790

Harmonies

Analogous

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



24.2371, 0.1977, 0.2258



24.2371, 0.2355, 0.2188



24.2371, 0.2975, 0.2349

Triad

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



24.2371, 0.2355, 0.2188



24.2371, 0.4571, 0.3723



24.2371, 0.2486, 0.3991

Complementary

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



24.2371, 0.2355, 0.2188



50.0536, 0.3849, 0.4189

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.



24.2371, 0.3141, 0.4538



24.2371, 0.2355, 0.2188



24.2371, 0.4364, 0.4239

Square

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



24.2371, 0.2355, 0.2188



24.2371, 0.4336, 0.3185



24.2371, 0.3830, 0.4587



24.2371, 0.2035, 0.3222

Rectangle

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



24.2371, 0.2355, 0.2188



24.2371, 0.3471, 0.2567



24.2371, 0.3830, 0.4587



24.2371, 0.2689, 0.4218

Sweetspot

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



24.2380, 0.2355, 0.2188



78.1089, 0.2920, 0.3009



50.4625, 0.2631, 0.3520



15.9958, 0.2883, 0.2956



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.



24.2380, 0.2355, 0.2188



32.0202, 0.2178, 0.1914



22.4762, 0.2561, 0.2028



11.1648, 0.2982, 0.3094



3.6628, 0.1549, 0.0775



0.2909, 0.1643, 0.1115

Inverse Universe

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



26.7393, 0.4055, 0.3086



37.3605, 0.4364, 0.3050



53.6485, 0.3531, 0.4451



11.2461, 0.3262, 0.3249



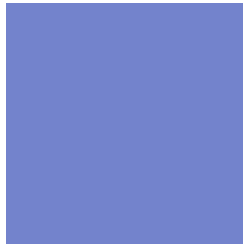
8.1727, 0.6110, 0.3139



0.4319, 0.5588, 0.2852

Previews

White Background



This preview shows how the Yxy color 24.2371, 0.2355, 0.2188 looks on a white background.

Color Contrast Check

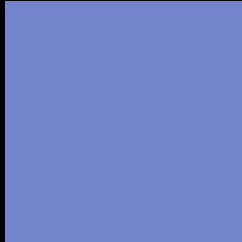
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2371, 0.2355, 0.2188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

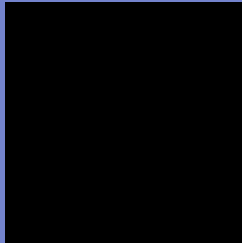
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2371, 0.2355, 0.2188

Background



This preview shows how black text looks on a background with the Yxy color 24.2371, 0.2355, 0.2188.



This preview shows how white text looks on a background with the Yxy color 24.2371, 0.2355, 0.2188.

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

24.2371, 0.2355, 0.2188

Protanopia

24.1615, 0.2308, 0.2180

Deuteranopia

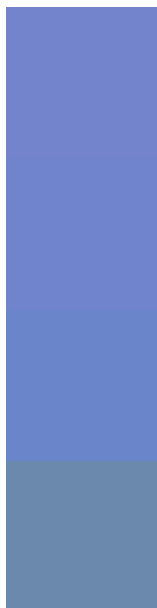
24.2456, 0.2284, 0.2224



Tritanopia

24.1164, 0.2631, 0.3074

Trichromacy



Original Color

24.2371, 0.2355, 0.2188

Protanomaly

24.2898, 0.2322, 0.2184

Deuteranomaly

24.2127, 0.2309, 0.2216

Tritanomaly

23.9340, 0.2517, 0.2697

Monochromacy



Original Color

24.2371, 0.2355, 0.2188

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1775, 0.2809, 0.2857

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2371, 0.2355, 0.2188 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(115, 131, 204)` looks like.

```
.text, #text, p{  
    color:rgb(115, 131, 204)  
}
```

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(115, 131, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 131, 204) }
```

Border

The CSS property to change the border of an element to Yxy 24.2371, 0.2355, 0.2188 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(115, 131, 204) }
```

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

```
.border{ border-color:rgb(115, 131, 204) }
```

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

Here you see how a box with a 4 pixel rgb(115, 131, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 131, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 131, 204);  
box-shadow:4px 4px 4px 4px rgb(115, 131,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2371, 0.2355, 0.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 131, 204) }
```

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

```
.background{ background-color: rgb(115,  
131, 204) }
```

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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