

Converting Colors

$Y_{xy}(26.3968, 0.2324, 0.2226)$

Have a look what the booklet for
Yxy(26.3968, 0.2324, 0.2226)
contains.

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Color

Yxy(26.3408, 0.2324, 0.2223)

Conversions

Conversions Part 1

Format	Color
Hex	718AD2
RGB	113, 138, 210
RGB Percent	44%, 54%, 82%
CMY	0.5566, 0.4589, 0.1764
CMYK	0.46, 0.34, 0.00, 0.18
HSL	225°, 52%, 63%
HSV	225°, 46%, 82%
XYZ	27.5376, 26.3408, 64.6138
YIQ	138.7330, -38.0120, 17.0920

Conversions

Conversions Part 2

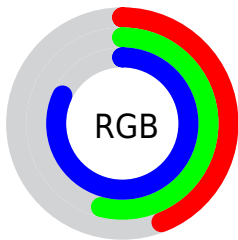
Format	Color
RYB	113, 133, 210
Decimal	7441106
CIELab	58.36, 10.34, -39.86
CIELCh	58, 41.181, 284.538
Yxy	26.3408, 0.2324, 0.2223
Android (android.graphics.Color)	4285631186 (0xFF718AD2)
YUV	138.7330, 35.1346, -22.5678
Hunter-Lab	51.3233, 5.9586, -38.7172

Details

The Yxy color **26.3408, 0.2324, 0.2223** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6291, 0.3934, 0.4160**, and the grayscale version is **25.5886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9166, 0.2550, 0.2544**, and **10.2159, 0.2066, 0.1902** is the 20% darker color. If you saturate the color by 10%, you get **20.9462, 0.2139, 0.1943**, and if you desaturate by 10%, it is **32.7026, 0.2512, 0.2492**.

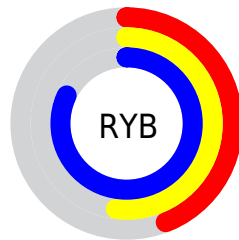
Distribution



Red (44%)

Green (54%)

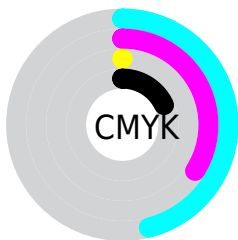
Blue (82%)



Red (44%)

Yellow (52%)

Blue (82%)

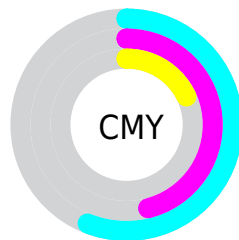


Cyan (46%)

Magenta (34%)

Yellow (0%)

Black (18%)



Cyan (56%)

Magenta (46%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3408, 0.2324, 0.2223 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 26.3408, 0.2324, 0.2223 by changing the saturation by 10% instead.

■ 26.3408, 0.2324,
0.2223

■ 26.3408, 0.2324,
0.2223

284.4511, 0.2751,
0.2771

■ 17.0788, 0.2212,
0.2085

■ 53.8242, 0.2484,
0.2424

■ 10.2907, 0.2067,
0.1910

■ 72.8144, 0.2542,
0.2499

■ 5.5921, 0.1872,
0.1682

■ 95.8161, 0.2591,
0.2562

■ 2.5987, 0.1603,
0.1377

123.2137, 0.2633,
0.2616

■ 0.9260, 0.1220,
0.0969

155.3916, 0.2669,
0.2663

■ 0.0000, 0.0212,
0.0000

192.7342, 0.2700,

■ 0.0000, 0.0000,

0.2704

0.0000

235.6259, 0.2727,
0.2739

■ 26.3408, 0.2324,
0.2223

■ 26.3408, 0.2324,
0.2223

■ 20.9462, 0.2139,
0.1943

■ 32.7026, 0.2512,
0.2492

■ 16.4662, 0.1965,
0.1662

■ 40.0748, 0.2696,
0.2743

■ 12.8471, 0.1814,
0.1394

■ 48.5014, 0.2871,
0.2971

■ 10.0275, 0.1692,
0.1154

■ 58.0227, 0.3033,
0.3176

■ 7.9357, 0.1607,
0.0955

■ 68.6770, 0.3183,
0.3357

■ 7.2925, 0.1581,
0.0890

■ 80.5005, 0.3318,
0.3515

■ 92.5545, 0.3406,
0.3658

■ 97.4338, 0.3394,
0.3730

Harmonies

Analogous

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



26.3408, 0.1990, 0.2325



26.3408, 0.2324, 0.2223



26.3408, 0.2896, 0.2352

Triad

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



26.3408, 0.2324, 0.2223



26.3408, 0.4508, 0.3646



26.3408, 0.2586, 0.4046

Complementary

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



26.3408, 0.2324, 0.2223



49.6291, 0.3934, 0.4160

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.



26.3408, 0.3232, 0.4515



26.3408, 0.2324, 0.2223



26.3408, 0.4363, 0.4150

Square

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



26.3408, 0.2324, 0.2223



26.3408, 0.4226, 0.3128



26.3408, 0.3884, 0.4509



26.3408, 0.2118, 0.3320

Rectangle

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



26.3408, 0.2324, 0.2223



26.3408, 0.3365, 0.2547



26.3408, 0.3884, 0.4509



26.3408, 0.2789, 0.4249

Sweetspot

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



26.3418, 0.2324, 0.2223



78.0779, 0.2904, 0.3014



53.0814, 0.2653, 0.3654



16.0549, 0.2868, 0.2968



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.



26.3418, 0.2324, 0.2223



32.9214, 0.2149, 0.1958



21.6840, 0.2446, 0.1918



11.9048, 0.2982, 0.3112



4.5863, 0.1587, 0.0913



0.3865, 0.1688, 0.1278

Inverse Universe

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



27.3610, 0.4039, 0.2980



35.6929, 0.4340, 0.2928



57.9072, 0.3617, 0.4493



11.8574, 0.3251, 0.3230



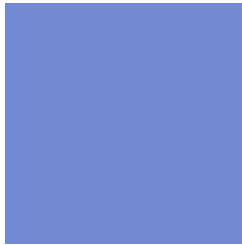
8.5343, 0.5891, 0.3019



0.4903, 0.5357, 0.2725

Previews

White Background



This preview shows how the Yxy color 26.3408, 0.2324, 0.2223 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 26.3408, 0.2324, 0.2223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

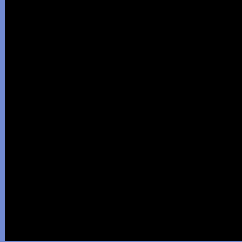
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3408, 0.2324, 0.2223

Background



This preview shows how black text looks on a background with the Yxy color 26.3408, 0.2324, 0.2223.



This preview shows how white text looks on a background with the Yxy color 26.3408, 0.2324, 0.2223.

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

26.3408, 0.2324, 0.2223

Protanopia

26.4749, 0.2338, 0.2227

Deuteranopia

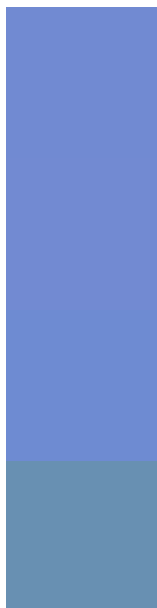
26.3065, 0.2293, 0.2230



Tritanopia

26.3705, 0.2578, 0.3079

Trichromacy



Original Color

26.3408, 0.2324, 0.2223

Protanomaly

26.4075, 0.2331, 0.2225

Deuteranomaly

26.4334, 0.2306, 0.2233

Tritanomaly

26.1039, 0.2478, 0.2727

Monochromacy



Original Color

26.3408, 0.2324, 0.2223

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.9277, 0.2790, 0.2867

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3408, 0.2324, 0.2223 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(113, 138, 210)` looks like.

```
.text, #text, p{  
    color:rgb(113, 138, 210)  
}
```

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(113, 138, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 138, 210) }
```

Border

The CSS property to change the border of an element to Yxy 26.3408, 0.2324, 0.2223 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(113, 138, 210) }
```

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

```
.border{ border-color:rgb(113, 138, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 138, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 138, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 138, 210);  
box-shadow:4px 4px 4px 4px rgb(113, 138,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3408, 0.2324, 0.2223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 138, 210) }
```

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

```
.background{ background-color: rgb(113,  
138, 210) }
```

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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