

Converting Colors

$Yxy(30.8374, 0.2333, 0.2252)$

Have a look what the booklet for
Yxy(30.8374, 0.2333, 0.2252)
contains.

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Color

Yxy(30.8876, 0.2333, 0.2256)

Conversions

Conversions Part 1

Format	Color
Hex	7995DF
RGB	121, 149, 223
RGB Percent	47%, 58%, 87%
CMY	0.5258, 0.4156, 0.1255
CMYK	0.46, 0.33, 0.00, 0.13
HSL	223°, 61%, 67%
HSV	223°, 46%, 87%
XYZ	31.9418, 30.8876, 74.0837
YIQ	149.0640, -40.4420, 17.0780

Conversions

Conversions Part 2

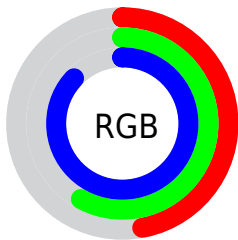
Format	Color
R_{YB}	121, 143, 223
Decimal	7968223
CIE _{Lab}	62.41, 9.64, -40.71
CIE _{LCh}	62, 41.839, 283.320
Yxy	30.8876, 0.2333, 0.2256
Android (android.graphics.Color)	4286158303 (0xFF7995DF)
YUV	149.0640, 36.4504, -24.6121
Hunter-Lab	55.5766, 5.3311, -40.1300

Details

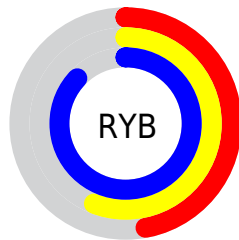
The Yxy color **30.8876, 0.2333, 0.2256** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **56.0437, 0.3939, 0.4137**, and the grayscale version is **29.9344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2790, 0.2617, 0.2697**, and **12.8375, 0.2102, 0.1982** is the 20% darker color. If you saturate the color by 10%, you get **24.6966, 0.2149, 0.1981**, and if you desaturate by 10%, it is **38.1626, 0.2520, 0.2519**.

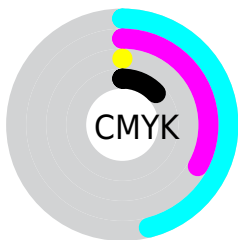
Distribution



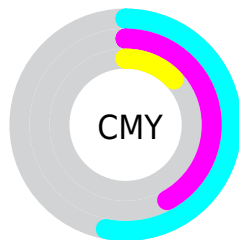
- Red (47%)
- Green (58%)
- Blue (87%)



- Red (47%)
- Yellow (56%)
- Blue (87%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (13%)



- Cyan (53%)
- Magenta (42%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8876, 0.2333, 0.2256 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 30.8876, 0.2333, 0.2256 by changing the saturation by 10% instead.

■ 30.8876, 0.2333,
0.2256

■ 30.8876, 0.2333,
0.2256

306.0202, 0.2745,
0.2776

■ 20.5133, 0.2229,
0.2129

■ 61.0631, 0.2484,
0.2444

■ 12.7687, 0.2095,
0.1969

■ 81.6330, 0.2541,
0.2514

■ 7.2695, 0.1918,
0.1762

■ 106.3702, 0.2588,
0.2575

■ 3.6312, 0.1678,
0.1490

135.6592, 0.2629,
0.2626

■ 1.4695, 0.1344,
0.1126

169.8843, 0.2664,
0.2671

■ 0.2671, 0.0824,
0.0450

209.4299, 0.2694,

■ 0.0000, 0.0000,

0.2710

0.0000

254.6804, 0.2721,
0.2745

■ 30.8876, 0.2333,
0.2256

■ 30.8876, 0.2333,
0.2256

■ 24.6966, 0.2149,
0.1981

■ 38.1626, 0.2520,
0.2519

■ 19.5310, 0.1977,
0.1705

■ 46.5690, 0.2702,
0.2764

■ 15.3317, 0.1826,
0.1439

■ 56.1555, 0.2877,
0.2986

■ 12.0309, 0.1704,
0.1199

■ 66.9668, 0.3039,
0.3186

■ 9.5501, 0.1618,
0.0996

■ 79.0451, 0.3189,
0.3362

■ 8.7078, 0.1590,
0.0922

■ 92.4307, 0.3325,
0.3516

■ 98.1072, 0.3316,
0.3601

Harmonies

Analogous

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



30.8876, 0.2018, 0.2367



30.8876, 0.2333, 0.2256



30.8876, 0.2879, 0.2372

Triad

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



30.8876, 0.2333, 0.2256



30.8876, 0.4455, 0.3619



30.8876, 0.2630, 0.4041

Complementary

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



30.8876, 0.2333, 0.2256



56.0437, 0.3939, 0.4137

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.



30.8876, 0.3259, 0.4475



30.8876, 0.2333, 0.2256



30.8876, 0.4335, 0.4107

Square

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



30.8876, 0.2333, 0.2256



30.8876, 0.4166, 0.3116



30.8876, 0.3885, 0.4458



30.8876, 0.2166, 0.3350

Rectangle

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



30.8876, 0.2333, 0.2256



30.8876, 0.3329, 0.2557



30.8876, 0.3885, 0.4458



30.8876, 0.2829, 0.4231

Sweetspot

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



30.8887, 0.2333, 0.2256



78.4373, 0.2905, 0.3021



60.7279, 0.2663, 0.3676



16.1416, 0.2868, 0.2976



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.



30.8887, 0.2333, 0.2256



33.7512, 0.2156, 0.1991



24.8246, 0.2436, 0.1921



13.8545, 0.2981, 0.3115



5.2834, 0.1597, 0.0947



0.5138, 0.1680, 0.1249

Inverse Universe

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



31.5120, 0.4009, 0.2960



35.7766, 0.4308, 0.2902



66.5494, 0.3629, 0.4481



13.7622, 0.3249, 0.3226



9.4414, 0.5839, 0.2990



0.6693, 0.5397, 0.2747

Previews

White Background



This preview shows how the Yxy color 30.8876, 0.2333, 0.2256 looks on a white background.

Color Contrast Check

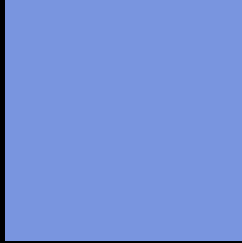
Large Text (above 18pt) WCAG AA × Fail

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 30.8876, 0.2333, 0.2256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

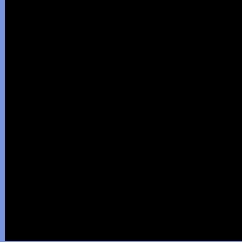
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.8876, 0.2333, 0.2256

Background



This preview shows how black text looks on a background with the Yxy color 30.8876, 0.2333, 0.2256.



This preview shows how white text looks on a background with the Yxy color 30.8876, 0.2333, 0.2256.

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

30.8876, 0.2333, 0.2256

Protanopia

30.8894, 0.2370, 0.2261

Deuteranopia

31.0623, 0.2323, 0.2267



Tritanopia

30.8390, 0.2572, 0.3076

Trichromacy



Original Color

30.8876, 0.2333, 0.2256

Protanomaly

30.7388, 0.2356, 0.2257

Deuteranomaly

31.1335, 0.2330, 0.2269

Tritanomaly

30.5838, 0.2472, 0.2731

Monochromacy



Original Color

30.8876, 0.2333, 0.2256

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.1184, 0.2792, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8876, 0.2333, 0.2256 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(121, 149, 223)` looks like.

```
.text, #text, p{  
    color:rgb(121, 149, 223)  
}
```

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(121, 149, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 149, 223) }
```

Border

The CSS property to change the border of an element to Yxy 30.8876, 0.2333, 0.2256 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(121, 149, 223) }
```

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

```
.border{ border-color:rgb(121, 149, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 149, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 149, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 149, 223); box-shadow:4px 4px 4px 4px rgb(121, 149, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8876, 0.2333, 0.2256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 149, 223) }
```

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

```
.background{ background-color: rgb(121,  
149, 223) }
```

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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