

Converting Colors

$Yxy(33.7178, 0.2463, 0.2418)$

Have a look what the booklet for
Yxy(33.7178, 0.2463, 0.2418)
contains.

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Color

Yxy(33.6255, 0.2459, 0.2408)

Conversions

Conversions Part 1

Format	Color
Hex	869BDB
RGB	134, 155, 219
RGB Percent	53%, 61%, 86%
CMY	0.4744, 0.3921, 0.1413
CMYK	0.39, 0.29, 0.00, 0.14
HSL	225°, 54%, 69%
HSV	225°, 39%, 86%
XYZ	34.3377, 33.6255, 71.6776
YIQ	156.0170, -33.0600, 15.4520

Conversions

Conversions Part 2

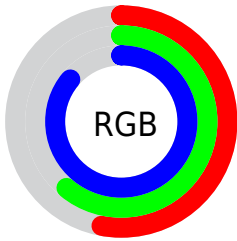
Format	Color
RYB	134, 151, 219
Decimal	8821723
CIELab	64.66, 8.42, -34.91
CIELCh	65, 35.906, 283.557
Yxy	33.6255, 0.2459, 0.2408
Android (android.graphics.Color)	4287011803 (0xFF869BDB)
YUV	156.0170, 31.0506, -19.3089
Hunter-Lab	57.9875, 4.2218, -32.6964

Details

The Yxy color **33.6255, 0.2459, 0.2408** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.1590, 0.3792, 0.4036**, and the grayscale version is **33.1255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7681, 0.2705, 0.2779**, and **14.2864, 0.2255, 0.2154** is the 20% darker color. If you saturate the color by 10%, you get **26.8910, 0.2269, 0.2131**, and if you desaturate by 10%, it is **41.4844, 0.2646, 0.2669**.

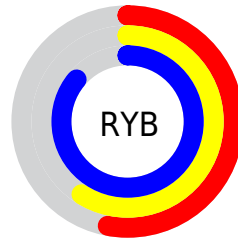
Distribution



Red (53%)

Green (61%)

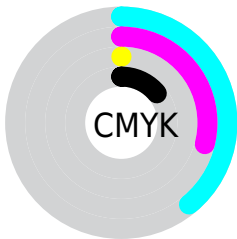
Blue (86%)



Red (53%)

Yellow (59%)

Blue (86%)

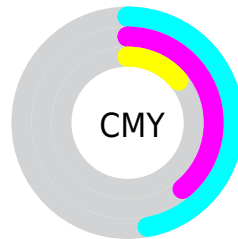


Cyan (39%)

Magenta (29%)

Yellow (0%)

Black (14%)



Cyan (47%)

Magenta (39%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.6255, 0.2459, 0.2408 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 33.6255, 0.2459, 0.2408 by changing the saturation by 10% instead.

■ 33.6255, 0.2459,
0.2408

■ 33.6255, 0.2459,
0.2408

■ 318.4589, 0.2804,
0.2851

■ 22.6060, 0.2371,
0.2299

■ 65.3509, 0.2586,
0.2568

■ 14.3029, 0.2258,
0.2161

■ 86.8256, 0.2633,
0.2629

■ 8.3316, 0.2108,
0.1980

■ 112.5541, 0.2673,
0.2680

■ 4.3079, 0.1902,
0.1738

■ 142.9210, 0.2707,
0.2724

■ 1.8472, 0.1605,
0.1403

■ 178.3105, 0.2736,
0.2762

■ 0.5164, 0.1163,
0.0862

■ 219.1071, 0.2762,

■ 0.0000, 0.0000,

0.2795

0.0000

265.6951, 0.2784,
0.2825

■ 33.6255, 0.2459,
0.2408

■ 33.6255, 0.2459,
0.2408

■ 26.8910, 0.2269,
0.2131

■ 41.4844, 0.2646,
0.2669

■ 21.2237, 0.2085,
0.1845

■ 50.5136, 0.2825,
0.2907

■ 16.5671, 0.1915,
0.1563

■ 60.7609, 0.2992,
0.3122

■ 12.8572, 0.1770,
0.1300

■ 72.2702, 0.3145,
0.3312

■ 10.0217, 0.1658,
0.1070

■ 85.0833, 0.3284,
0.3478

■ 7.9656, 0.1582,
0.0885

■ 97.2134, 0.3341,
0.3631

■ 7.7597, 0.1574,
0.0866

■ 97.8929, 0.3340,
0.3641

Harmonies

Analogous

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



33.6255, 0.2183, 0.2510



33.6255, 0.2459, 0.2408



33.6255, 0.2928, 0.2507

Triad

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



33.6255, 0.2459, 0.2408



33.6255, 0.4238, 0.3590



33.6255, 0.2713, 0.3903

Complementary

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



33.6255, 0.2459, 0.2408



57.1590, 0.3792, 0.4036

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.



33.6255, 0.3246, 0.4262



33.6255, 0.2459, 0.2408



33.6255, 0.4145, 0.4000

Square

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



33.6255, 0.2459, 0.2408



33.6255, 0.3996, 0.3155



33.6255, 0.3773, 0.4272



33.6255, 0.2314, 0.3344

Rectangle

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



33.6255, 0.2459, 0.2408



33.6255, 0.3306, 0.2668



33.6255, 0.3773, 0.4272



33.6255, 0.2882, 0.4056

Sweetspot

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



33.6268, 0.2459, 0.2408



80.8213, 0.2938, 0.3053



59.7826, 0.2705, 0.3569



16.8860, 0.2916, 0.3026



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.



33.6268, 0.2459, 0.2408



39.2055, 0.2296, 0.2170



29.1624, 0.2587, 0.2163



13.1371, 0.2981, 0.3109



4.7483, 0.1580, 0.0889



0.4437, 0.1668, 0.1204

Inverse Universe

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



34.4776, 0.3846, 0.3038



41.3375, 0.4093, 0.2985



64.3390, 0.3538, 0.4307



13.1040, 0.3253, 0.3232



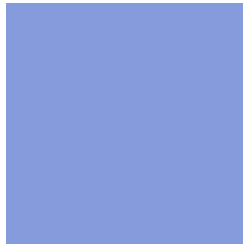
9.1031, 0.5928, 0.3040



0.6035, 0.5461, 0.2782

Previews

White Background



This preview shows how the Yxy color 33.6255, 0.2459, 0.2408 looks on a white background.

Color Contrast Check

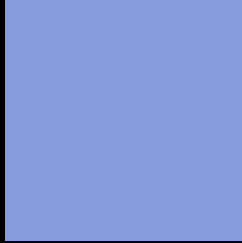
Large Text (above 18pt) WCAG AA × Fail

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 33.6255, 0.2459, 0.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

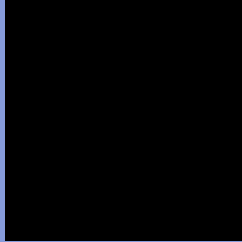
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6255, 0.2459, 0.2408

Background



This preview shows how black text looks on a background with the Yxy color 33.6255, 0.2459, 0.2408.



This preview shows how white text looks on a background with the Yxy color 33.6255, 0.2459, 0.2408.

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

33.6255, 0.2459, 0.2408

Protanopia

33.4915, 0.2484, 0.2410

Deuteranopia

33.7081, 0.2466, 0.2409



Tritanopia

33.5399, 0.2678, 0.3087

Trichromacy



Original Color

33.6255, 0.2459, 0.2408

Protanomaly

33.4074, 0.2477, 0.2408

Deuteranomaly

33.7081, 0.2466, 0.2409

Tritanomaly

33.4594, 0.2591, 0.2812

Monochromacy



Original Color

33.6255, 0.2459, 0.2408

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.3275, 0.2854, 0.2951

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6255, 0.2459, 0.2408 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(134, 155, 219)` looks like.

```
.text, #text, p{  
    color:rgb(134, 155, 219)  
}
```

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(134, 155, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 155, 219) }
```

Border

The CSS property to change the border of an element to Yxy 33.6255, 0.2459, 0.2408 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(134, 155, 219) }
```

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

```
.border{ border-color:rgb(134, 155, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 155, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 155, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 155, 219);  
box-shadow:4px 4px 4px 4px rgb(134, 155,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6255, 0.2459, 0.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 155, 219) }
```

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

```
.background{ background-color: rgb(134,  
155, 219) }
```

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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