

Converting Colors

$Y_{xy}(36.3934, 0.2804, 0.2743)$

Have a look what the booklet for
Yxy(36.3934, 0.2804, 0.2743)
contains.

Yxy(36.3934, 0.2804, 0.2743)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.3934, 0.2804, 0.2743)

Conversions

Conversions Part 1

Format	Color
Hex	A09FC7
RGB	160, 159, 199
RGB Percent	63%, 62%, 78%
CMY	0.3725, 0.3765, 0.2197
CMYK	0.20, 0.20, 0.00, 0.22
HSL	242°, 26%, 70%
HSV	242°, 20%, 78%
XYZ	37.2027, 36.3934, 59.0812
YIQ	163.8590, -12.2440, 12.6520

Conversions

Conversions Part 2

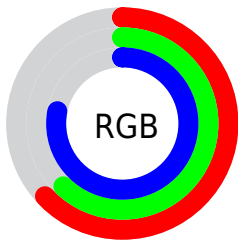
Format	Color
R_{YB}	160, 159, 199
Decimal	10526663
CIE _{Lab}	66.82, 8.77, -20.34
CIE _{LCh}	67, 22.145, 293.324
Yxy	36.3934, 0.2804, 0.2743
Android (android.graphics.Color)	4288716743 (0xFFA09FC7)
YUV	163.8590, 17.3245, -3.3843
Hunter-Lab	60.3269, 4.5062, -15.8368

Details

The Yxy color **36.3934, 0.2804, 0.2743** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.3410, 0.3418, 0.3787**, and the grayscale version is **36.9752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7602, 0.2871, 0.2856**, and **15.9576, 0.2704, 0.2590** is the 20% darker color. If you saturate the color by 10%, you get **28.2474, 0.2614, 0.2423**, and if you desaturate by 10%, it is **45.9558, 0.2975, 0.3032**.

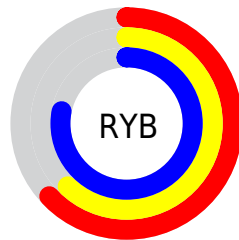
Distribution



Red (63%)

Green (62%)

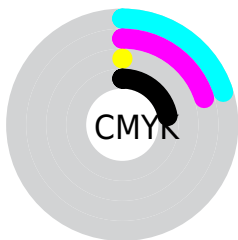
Blue (78%)



Red (63%)

Yellow (62%)

Blue (78%)

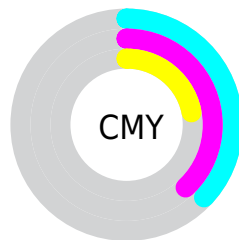


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.3934, 0.2804, 0.2743 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 36.3934, 0.2804, 0.2743 by changing the saturation by 10% instead.

■ 36.3934, 0.2804,
0.2743

■ 36.3934, 0.2804,
0.2743

■ 330.6768, 0.2973,
0.3020

■ 24.7382, 0.2760,
0.2673

■ 69.6388, 0.2867,
0.2844

■ 15.8821, 0.2702,
0.2584

■ 91.9978, 0.2890,
0.2882

■ 9.4408, 0.2624,
0.2464

■ 118.6936, 0.2909,
0.2914

■ 5.0298, 0.2510,
0.2298

■ 150.1104, 0.2926,
0.2941

■ 2.2647, 0.2336,
0.2052

■ 186.6327, 0.2940,
0.2965

■ 0.7550, 0.2040,
0.1647

■ 228.6450, 0.2952,

■ 0.0000, 0.0000,

0.2985

0.0000

276.5315, 0.2963,
0.3003

■ 36.3934, 0.2804,
0.2743

■ 36.3934, 0.2804,
0.2743

■ 28.2474, 0.2614,
0.2423

■ 45.9558, 0.2975,
0.3032

■ 21.4464, 0.2409,
0.2079

■ 56.9928, 0.3126,
0.3288

■ 15.9193, 0.2197,
0.1727

■ 69.5646, 0.3257,
0.3511

■ 11.5869, 0.1991,
0.1386

■ 83.7269, 0.3370,
0.3704

■ 8.3611, 0.1807,
0.1083

■ 96.9024, 0.3460,
0.3840

■ 6.1416, 0.1659,
0.0844

■ 4.8099, 0.1559,
0.0686

■ 4.1546, 0.1507,
0.0604

Harmonies

Analogous

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



36.3934, 0.2581, 0.2775



36.3934, 0.2804, 0.2743



36.3934, 0.3124, 0.2841

Triad

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



36.3934, 0.2804, 0.2743



36.3934, 0.3798, 0.3583



36.3934, 0.2789, 0.3551

Complementary

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



36.3934, 0.2804, 0.2743



55.3410, 0.3418, 0.3787

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.



36.3934, 0.3102, 0.3804



36.3934, 0.2804, 0.2743



36.3934, 0.3692, 0.3802

Square

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



36.3934, 0.2804, 0.2743



36.3934, 0.3713, 0.3308



36.3934, 0.3434, 0.3893



36.3934, 0.2572, 0.3227

Rectangle

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



36.3934, 0.2804, 0.2743



36.3934, 0.3353, 0.2967



36.3934, 0.3434, 0.3893



36.3934, 0.2886, 0.3649

Sweetspot

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



36.3949, 0.2804, 0.2743



87.9037, 0.3038, 0.3139



52.0236, 0.2829, 0.3280



18.5458, 0.3028, 0.3121



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.



36.3949, 0.2804, 0.2743



57.3615, 0.2725, 0.2610



38.5826, 0.2975, 0.2770



10.3000, 0.2986, 0.3051



2.6780, 0.1509, 0.0605



0.1313, 0.1541, 0.0622

Inverse Universe

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



41.0128, 0.3159, 0.2808



66.8761, 0.3166, 0.2705



52.8424, 0.3255, 0.3813



10.8119, 0.3142, 0.3068



10.3145, 0.3272, 0.1576



0.4899, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 36.3934, 0.2804, 0.2743 looks on a white background.

Color Contrast Check

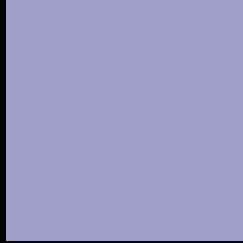
Large Text (above 18pt) WCAG AA × Fail

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 36.3934, 0.2804, 0.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

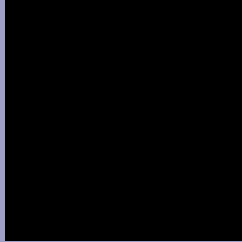
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3934, 0.2804, 0.2743

Background



This preview shows how black text looks on a background with the Yxy color 36.3934, 0.2804, 0.2743.



This preview shows how white text looks on a background with the Yxy color 36.3934, 0.2804, 0.2743.

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

36.3934, 0.2804, 0.2743

Protanopia

36.4322, 0.2740, 0.2750

Deuteranopia

36.3934, 0.2804, 0.2743



Tritanopia

36.3969, 0.2953, 0.3103

Trichromacy



Original Color

36.3934, 0.2804, 0.2743

Protanomaly

36.3797, 0.2764, 0.2739

Deuteranomaly

36.3934, 0.2804, 0.2743

Tritanomaly

36.4695, 0.2897, 0.2978

Monochromacy



Original Color

36.3934, 0.2804, 0.2743

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.8015, 0.3008, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3934, 0.2804, 0.2743 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(160, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(160, 159, 199)  
}
```

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(160, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 159, 199) }
```

Border

The CSS property to change the border of an element to Yxy 36.3934, 0.2804, 0.2743 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(160, 159, 199) }
```

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

```
.border{ border-color:rgb(160, 159, 199) }
```

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

Here you see how a box with a 4 pixel rgb(160, 159, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 159, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 159, 199);  
box-shadow:4px 4px 4px 4px rgb(160, 159,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3934, 0.2804, 0.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 159, 199) }
```

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

```
.background{ background-color: rgb(160,  
159, 199) }
```

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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