

Converting Colors

$Y_{xy}(36.9410, 0.2755, 0.2745)$

Have a look what the booklet for
Yxy(36.9410, 0.2755, 0.2745)
contains.

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Color

Yxy(36.7747, 0.2757, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	9CA1C9
RGB	156, 161, 201
RGB Percent	61%, 63%, 79%
CMY	0.3884, 0.3686, 0.2118
CMYK	0.22, 0.20, 0.00, 0.21
HSL	233°, 29%, 70%
HSV	233°, 22%, 79%
XYZ	36.9894, 36.7747, 60.4012
YIQ	164.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

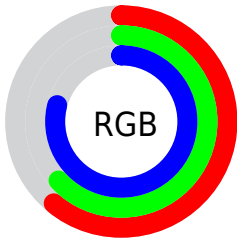
Format	Color
R_{YB}	156, 161, 201
Decimal	10265033
CIE _{Lab}	67.11, 6.82, -21.04
CIE _{LCh}	67, 22.123, 287.969
Yxy	36.7747, 0.2757, 0.2741
Android (android.graphics.Color)	4288455113 (0xFF9CA1C9)
YUV	164.0650, 18.2090, -7.0730
Hunter-Lab	60.6421, 2.7543, -16.6049

Details

The Yxy color **36.7747, 0.2757, 0.2741** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.2595, 0.3474, 0.3785**, and the grayscale version is **37.0716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1806, 0.2845, 0.2875**, and **16.2015, 0.2643, 0.2588** is the 20% darker color. If you saturate the color by 10%, you get **29.1383, 0.2566, 0.2450**, and if you desaturate by 10%, it is **45.6352, 0.2933, 0.3004**.

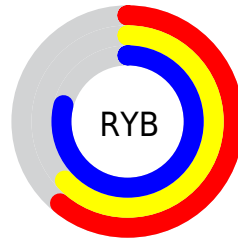
Distribution



Red (61%)

Green (63%)

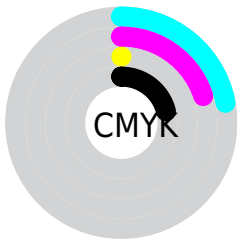
Blue (79%)



Red (61%)

Yellow (63%)

Blue (79%)

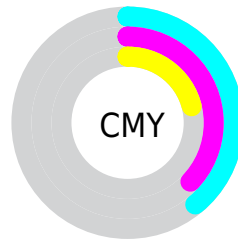


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (37%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.7747, 0.2757, 0.2741 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 36.7747, 0.2757, 0.2741 by changing the saturation by 10% instead.

■ 36.7747, 0.2757,
0.2741

■ 36.7747, 0.2757,
0.2741

■ 332.3341, 0.2949,
0.3019

■ 25.0331, 0.2707,
0.2671

■ 70.2261, 0.2828,
0.2843

■ 16.1017, 0.2642,
0.2581

■ 92.7048, 0.2854,
0.2880

■ 9.5962, 0.2555,
0.2461

■ 119.5312, 0.2876,
0.2913

■ 5.1320, 0.2429,
0.2294

■ 151.0898, 0.2895,
0.2940

■ 2.3249, 0.2238,
0.2047

■ 187.7650, 0.2911,
0.2964

■ 0.7869, 0.1919,
0.1648

■ 229.9412, 0.2925,

■ 0.0000, 0.0000,

0.2984

0.0000

278.0027, 0.2938,
0.3003

■ 36.7747, 0.2757,
0.2741

■ 36.7747, 0.2757,
0.2741

■ 29.1383, 0.2566,
0.2450

■ 45.6352, 0.2933,
0.3004

■ 22.6677, 0.2365,
0.2137

■ 55.7657, 0.3092,
0.3238

■ 17.3065, 0.2162,
0.1813

■ 67.2152, 0.3233,
0.3443

■ 12.9921, 0.1968,
0.1494

■ 80.0289, 0.3357,
0.3621

■ 9.6553, 0.1796,
0.1200

■ 93.9746, 0.3457,
0.3776

■ 7.2184, 0.1658,
0.0953

■ 96.9966, 0.3448,
0.3820

■ 5.5919, 0.1565,
0.0769

■ 4.8146, 0.1521,
0.0676

Harmonies

Analogous

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



36.7747, 0.2558, 0.2798



36.7747, 0.2757, 0.2741



36.7747, 0.3063, 0.2817

Triad

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



36.7747, 0.2757, 0.2741



36.7747, 0.3794, 0.3535



36.7747, 0.2841, 0.3603

Complementary

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



36.7747, 0.2757, 0.2741



54.2595, 0.3474, 0.3785

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.



36.7747, 0.3163, 0.3831



36.7747, 0.2757, 0.2741



36.7747, 0.3721, 0.3768

Square

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



36.7747, 0.2757, 0.2741



36.7747, 0.3676, 0.3259



36.7747, 0.3486, 0.3886



36.7747, 0.2603, 0.3285

Rectangle

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



36.7747, 0.2757, 0.2741



36.7747, 0.3292, 0.2930



36.7747, 0.3486, 0.3886



36.7747, 0.2942, 0.3694

Sweetspot

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



36.7762, 0.2757, 0.2741



87.0766, 0.3019, 0.3132



52.8058, 0.2831, 0.3358



18.4108, 0.3010, 0.3118



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.



36.7762, 0.2757, 0.2741



56.2168, 0.2664, 0.2600



36.8856, 0.2901, 0.2695



10.4765, 0.2983, 0.3078



3.0962, 0.1525, 0.0689



0.2128, 0.1598, 0.0951

Inverse Universe

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



38.7503, 0.3530, 0.3226



60.3316, 0.3649, 0.3211



54.3244, 0.3319, 0.3870



10.6560, 0.3272, 0.3264



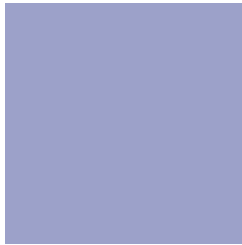
7.8526, 0.6251, 0.3217



0.3785, 0.5833, 0.2987

Previews

White Background



This preview shows how the Yxy color 36.7747, 0.2757, 0.2741 looks on a white background.

Color Contrast Check

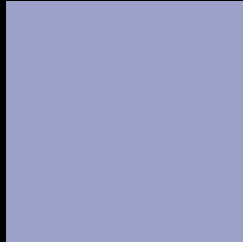
Large Text (above 18pt) WCAG AA × Fail

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 36.7747, 0.2757, 0.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

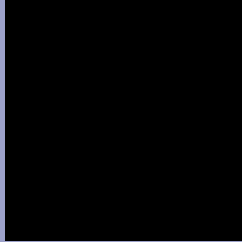
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

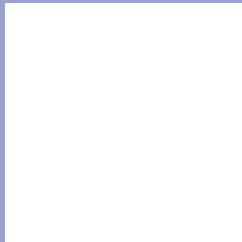
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.7747, 0.2757, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 36.7747, 0.2757, 0.2741.



This preview shows how white text looks on a background with the Yxy color 36.7747, 0.2757, 0.2741.

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

36.7747, 0.2757, 0.2741

Protanopia

36.9277, 0.2742, 0.2752

Deuteranopia

36.8322, 0.2790, 0.2732



Tritanopia

36.8000, 0.2903, 0.3102

Trichromacy



Original Color

36.7747, 0.2757, 0.2741

Protanomaly

37.0263, 0.2750, 0.2754

Deuteranomaly

36.7296, 0.2781, 0.2730

Tritanomaly

36.8684, 0.2848, 0.2977

Monochromacy



Original Color

36.7747, 0.2757, 0.2741

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9458, 0.2990, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7747, 0.2757, 0.2741 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(156, 161, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 201)  
}
```

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(156, 161, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 201) }
```

Border

The CSS property to change the border of an element to Yxy 36.7747, 0.2757, 0.2741 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(156, 161, 201) }
```

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

```
.border{ border-color:rgb(156, 161, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 161, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 161, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 161, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 161,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7747, 0.2757, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 201) }
```

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

```
.background{ background-color: rgb(156,  
161, 201) }
```

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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