

Converting Colors

$Yxy(37.2688, 0.2736, 0.2592)$

Have a look what the booklet for
Yxy(37.2688, 0.2736, 0.2592)
contains.

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Color

Yxy(37.3363, 0.2732, 0.2590)

Conversions

Conversions Part 1

Format	Color
Hex	A39FD4
RGB	163, 159, 212
RGB Percent	64%, 62%, 83%
CMY	0.3609, 0.3764, 0.1685
CMYK	0.23, 0.25, 0.00, 0.17
HSL	244°, 38%, 73%
HSV	244°, 25%, 83%
XYZ	39.3833, 37.3363, 67.4360
YIQ	166.2380, -14.6290, 17.3310

Conversions

Conversions Part 2

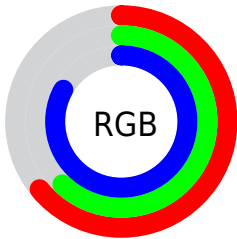
Format	Color
R_{YB}	163, 159, 212
Decimal	10723284
CIE _{Lab}	67.53, 12.72, -26.47
CIE _{LCh}	68, 29.364, 295.673
Yxy	37.3363, 0.2732, 0.2590
Android (android.graphics.Color)	4288913364 (0xFFA39FD4)
YUV	166.2380, 22.5607, -2.8397
Hunter-Lab	61.1034, 8.1185, -22.6622

Details

The Yxy color **37.3363, 0.2732, 0.2590** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.0247, 0.3471, 0.3917**, and the grayscale version is **38.1475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3732, 0.2897, 0.2859**, and **16.4744, 0.2610, 0.2405** is the 20% darker color. If you saturate the color by 10%, you get **28.7473, 0.2541, 0.2259**, and if you desaturate by 10%, it is **47.5004, 0.2905, 0.2894**.

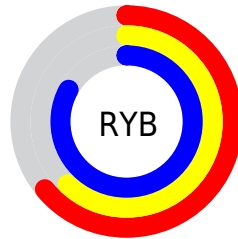
Distribution



Red (64%)

Green (62%)

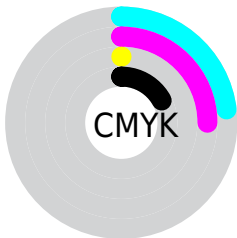
Blue (83%)



Red (64%)

Yellow (62%)

Blue (83%)

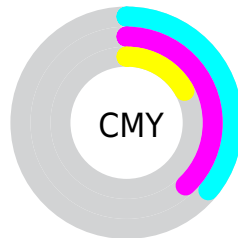


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (17%)



Cyan (36%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3363, 0.2732, 0.2590 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 37.3363, 0.2732, 0.2590 by changing the saturation by 10% instead.

■ 37.3363, 0.2732,
0.2590

■ 37.3363, 0.2732,
0.2590

■ 334.7642, 0.2937,
0.2938

■ 25.4680, 0.2679,
0.2505

■ 71.0897, 0.2808,
0.2715

■ 16.4261, 0.2610,
0.2396

■ 93.7436, 0.2836,
0.2763

■ 9.8261, 0.2517,
0.2254

■ 120.7615, 0.2860,
0.2803

■ 5.2838, 0.2385,
0.2061

■ 152.5277, 0.2880,
0.2838

■ 2.4147, 0.2187,
0.1786

■ 189.4267, 0.2897,
0.2868

■ 0.8335, 0.1865,
0.1375

■ 231.8428, 0.2912,

■ 0.0000, 0.0292,

0.2894

0.0000

280.1606, 0.2926,
0.2917

0.0000, 0.0000,
0.0000

37.3363, 0.2732,
0.2590

37.3363, 0.2732,
0.2590

28.7473, 0.2541,
0.2259

47.5004, 0.2905,
0.2894

21.6502, 0.2338,
0.1912

59.3081, 0.3058,
0.3166

15.9613, 0.2132,
0.1566

72.8294, 0.3191,
0.3406

11.5863, 0.1936,
0.1243

88.1290, 0.3306,
0.3615

8.4199, 0.1765,
0.0969

97.5349, 0.3381,
0.3710

■ 6.3402, 0.1632,
0.0767

■ 5.1996, 0.1547,
0.0648

■ 4.8634, 0.1520,
0.0611

Harmonies

Analogous

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



37.3363, 0.2436, 0.2611



37.3363, 0.2732, 0.2590



37.3363, 0.3153, 0.2729

Triad

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



37.3363, 0.2732, 0.2590



37.3363, 0.4008, 0.3685



37.3363, 0.2654, 0.3602

Complementary

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



37.3363, 0.2732, 0.2590



63.0247, 0.3471, 0.3917

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.



37.3363, 0.3053, 0.3959



37.3363, 0.2732, 0.2590



37.3363, 0.3844, 0.3970

Square

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



37.3363, 0.2732, 0.2590



37.3363, 0.3918, 0.3332



37.3363, 0.3489, 0.4089



37.3363, 0.2392, 0.3165

Rectangle

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



37.3363, 0.2732, 0.2590



37.3363, 0.3455, 0.2893



37.3363, 0.3489, 0.4089



37.3363, 0.2776, 0.3739

Sweetspot

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



37.3378, 0.2732, 0.2590



84.2616, 0.3013, 0.3086



57.4796, 0.2758, 0.3244



17.4425, 0.2990, 0.3045



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.



37.3378, 0.2732, 0.2590



49.4762, 0.2633, 0.2417



40.3805, 0.2953, 0.2633



12.0525, 0.2993, 0.3050



3.0182, 0.1525, 0.0614



0.1979, 0.1603, 0.0657

Inverse Universe

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



43.3587, 0.3190, 0.2715



60.1579, 0.3206, 0.2592



59.5476, 0.3265, 0.3960



12.6160, 0.3149, 0.3077



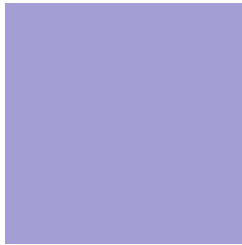
11.1132, 0.3405, 0.1649



0.6752, 0.3367, 0.1629

Previews

White Background



This preview shows how the Yxy color 37.3363, 0.2732, 0.2590 looks on a white background.

Color Contrast Check

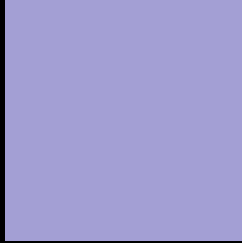
Large Text (above 18pt) WCAG AA × Fail

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 37.3363, 0.2732, 0.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

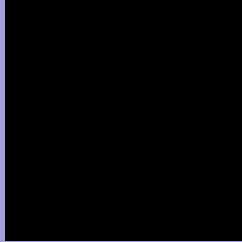
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3363, 0.2732, 0.2590

Background



This preview shows how black text looks on a background with the Yxy color 37.3363, 0.2732, 0.2590.



This preview shows how white text looks on a background with the Yxy color 37.3363, 0.2732, 0.2590.

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

37.3363, 0.2732, 0.2590

Protanopia

37.2310, 0.2614, 0.2577

Deuteranopia

37.2118, 0.2671, 0.2606



Tritanopia

37.2927, 0.2946, 0.3104

Trichromacy



Original Color

37.3363, 0.2732, 0.2590

Protanomaly

37.3133, 0.2657, 0.2582

Deuteranomaly

37.1642, 0.2693, 0.2596

Tritanomaly

37.2830, 0.2867, 0.2914

Monochromacy



Original Color

37.3363, 0.2732, 0.2590

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6126, 0.2976, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3363, 0.2732, 0.2590 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(163, 159, 212)` looks like.

```
.text, #text, p{  
    color:rgb(163, 159, 212)  
}
```

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(163, 159, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 159, 212) }
```

Border

The CSS property to change the border of an element to Yxy 37.3363, 0.2732, 0.2590 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(163, 159, 212) }
```

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

```
.border{ border-color:rgb(163, 159, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 159, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 159, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 159, 212);  
box-shadow:4px 4px 4px 4px rgb(163, 159,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3363, 0.2732, 0.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 159, 212) }
```

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

```
.background{ background-color: rgb(163,  
159, 212) }
```

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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