

Converting Colors

$Yxy(37.9205, 0.2602, 0.2210)$

Have a look what the booklet for
Yxy(37.9205, 0.2602, 0.2210)
contains.

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Color

Yxy(37.7515, 0.2599, 0.2205)

Conversions

Conversions Part 1

Format	Color
Hex	AD98F2
RGB	173, 152, 242
RGB Percent	68%, 60%, 95%
CMY	0.3214, 0.4040, 0.0509
CMYK	0.29, 0.37, 0.00, 0.05
HSL	254°, 78%, 77%
HSV	254°, 37%, 95%
XYZ	44.4971, 37.7515, 88.9600
YIQ	168.5390, -16.3740, 32.4420

Conversions

Conversions Part 2

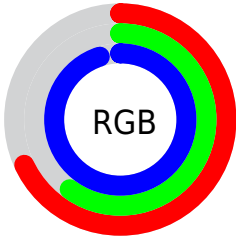
Format	Color
RYB	173, 152, 242
Decimal	11376882
CIELab	67.84, 26.87, -42.42
CIELCh	68, 50.220, 302.352
Yxy	37.7515, 0.2599, 0.2205
Android (android.graphics.Color)	4289566962 (0xFFAD98F2)
YUV	168.5390, 36.2163, 3.9123
Hunter-Lab	61.4422, 21.7476, -42.8343

Details

The Yxy color **37.7515, 0.2599, 0.2205** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **81.1486, 0.3535, 0.4266**, and the grayscale version is **39.2639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1856, 0.2971, 0.2785**, and **16.6617, 0.2441, 0.1947** is the 20% darker color. If you saturate the color by 10%, you get **28.7132, 0.2420, 0.1871**, and if you desaturate by 10%, it is **48.6887, 0.2765, 0.2529**.

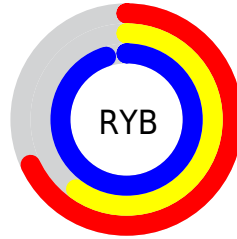
Distribution



Red (68%)

Green (60%)

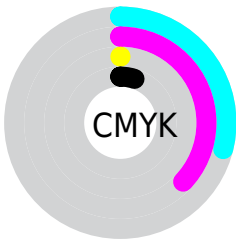
Blue (95%)



Red (68%)

Yellow (60%)

Blue (95%)

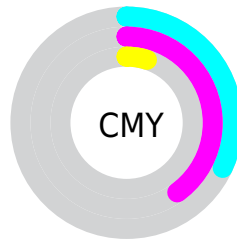


Cyan (29%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (32%)


Magenta (40%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.7515, 0.2599, 0.2205 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 37.7515, 0.2599, 0.2205 by changing the saturation by 10% instead.


 37.7515, 0.2599,
0.2205


 37.7515, 0.2599,
0.2205


336.5528, 0.2874,
0.2720

 25.7899, 0.2529,
0.2087


 71.7271, 0.2700,
0.2385

 16.6665, 0.2440,
0.1941


 94.5099, 0.2738,
0.2455

 9.9970, 0.2321,
0.1758


121.6684, 0.2770,
0.2515

 5.3970, 0.2159,
0.1524

153.5873, 0.2797,
0.2567

 2.4820, 0.1928,
0.1221

190.6507, 0.2820,
0.2612

 0.8676, 0.1584,
0.0830

233.2432, 0.2840,


 0.0000, 0.0976,


0.2652


0.0000


281.7491, 0.2858,
0.2688


 0.0000, 0.0000,
0.0000


 37.7515, 0.2599,
0.2205

 37.7515, 0.2599,
0.2205


 28.7132, 0.2420,
0.1871


 48.6887, 0.2765,
0.2529


 21.4594, 0.2235,
0.1543


 61.6216, 0.2913,
0.2832


 15.8697, 0.2053,
0.1242

 76.6456, 0.3044,
0.3109

 11.8068, 0.1887,
0.0988

 93.8485, 0.3157,
0.3356

 9.1106, 0.1746,
0.0801

 99.1919, 0.3203,
0.3415

■ 7.5763, 0.1641,
0.0688

■ 7.2700, 0.1617,
0.0664

Harmonies

Analogous

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



37.7515, 0.2089, 0.2160



37.7515, 0.2599, 0.2205



37.7515, 0.3323, 0.2468

Triad

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



37.7515, 0.2599, 0.2205



37.7515, 0.4572, 0.3988



37.7515, 0.2213, 0.3646

Complementary

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



37.7515, 0.2599, 0.2205



81.1486, 0.3535, 0.4266

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.



37.7515, 0.2807, 0.4379



37.7515, 0.2599, 0.2205



37.7515, 0.4176, 0.4470

Square

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



37.7515, 0.2599, 0.2205



37.7515, 0.4551, 0.3432



37.7515, 0.3526, 0.4678



37.7515, 0.1883, 0.2882

Rectangle

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



37.7515, 0.2599, 0.2205



37.7515, 0.3838, 0.2742



37.7515, 0.3526, 0.4678



37.7515, 0.2386, 0.3915

Sweetspot

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



37.7530, 0.2599, 0.2205



79.5403, 0.2996, 0.3006



64.8049, 0.2571, 0.3039



16.5293, 0.2978, 0.2969



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.



37.7530, 0.2599, 0.2205



34.2740, 0.2458, 0.1940



43.7711, 0.2965, 0.2310



15.4071, 0.3016, 0.3048



3.9561, 0.1629, 0.0671



0.3730, 0.1755, 0.0741

Inverse Universe

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



46.5513, 0.3353, 0.2563



45.7000, 0.3417, 0.2414



75.0115, 0.3224, 0.4371



15.9645, 0.3174, 0.3111



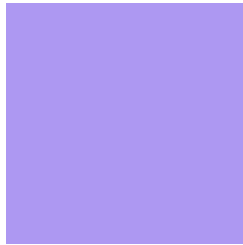
12.0542, 0.3905, 0.1925



1.0179, 0.3794, 0.1864

Previews

White Background



This preview shows how the Yxy color 37.7515, 0.2599, 0.2205 looks on a white background.

Color Contrast Check

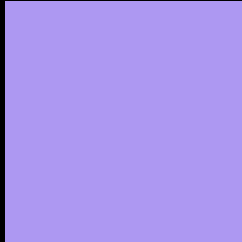
Large Text (above 18pt) WCAG AA × Fail

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 37.7515, 0.2599, 0.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

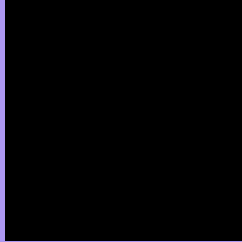
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.7515, 0.2599, 0.2205

Background



This preview shows how black text looks on a background with the Yxy color 37.7515, 0.2599, 0.2205.



This preview shows how white text looks on a background with the Yxy color 37.7515, 0.2599, 0.2205.

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

37.7515, 0.2599, 0.2205

Protanopia

37.8740, 0.2302, 0.2170

Deuteranopia

37.9931, 0.2368, 0.2307



Tritanopia

37.5982, 0.2973, 0.3106

Trichromacy



Original Color

37.7515, 0.2599, 0.2205

Protanomaly

37.5269, 0.2395, 0.2172

Deuteranomaly

37.8820, 0.2444, 0.2267

Tritanomaly

37.3580, 0.2832, 0.2738

Monochromacy



Original Color

37.7515, 0.2599, 0.2205

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7260, 0.2915, 0.2848

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.7515, 0.2599, 0.2205 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(173, 152, 242)` looks like.

```
.text, #text, p{  
    color:rgb(173, 152, 242)  
}
```

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(173, 152, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 152, 242) }
```

Border

The CSS property to change the border of an element to Yxy 37.7515, 0.2599, 0.2205 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(173, 152, 242) }
```

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

```
.border{ border-color:rgb(173, 152, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 152, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 152, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 152, 242); box-shadow:4px 4px 4px 4px rgb(173, 152, 242) }
```


Background

The CSS property to change the background color of an element to Yxy 37.7515, 0.2599, 0.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 152, 242) }
```

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

```
.background{ background-color: rgb(173,  
152, 242) }
```

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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