

Converting Colors

$Yxy(32.5806, 0.2657, 0.2133)$

Have a look what the booklet for
Yxy(32.5806, 0.2657, 0.2133)
contains.

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Color

Yxy(32.5451, 0.2656, 0.2129)

Conversions

Conversions Part 1

Format	Color
Hex	AD89E7
RGB	173, 137, 231
RGB Percent	68%, 54%, 91%
CMY	0.3215, 0.4627, 0.0942
CMYK	0.25, 0.41, 0.00, 0.09
HSL	263°, 66%, 72%
HSV	263°, 41%, 91%
XYZ	40.6011, 32.5451, 79.7194
YIQ	158.4800, -8.7180, 36.8660

Conversions

Conversions Part 2

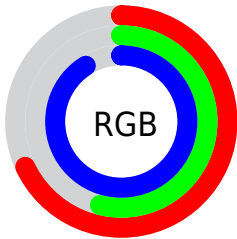
Format	Color
RYB	173, 137, 231
Decimal	11373031
CIELab	63.79, 32.64, -42.69
CIElCh	64, 53.735, 307.398
Yxy	32.5451, 0.2656, 0.2129
Android (android.graphics.Color)	4289563111 (0xFFAD89E7)
YUV	158.4800, 35.7524, 12.7340
Hunter-Lab	57.0483, 27.2034, -42.9182

Details

The Yxy color **32.5451, 0.2656, 0.2129** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.5375, 0.3463, 0.4396**, and the grayscale version is **34.2601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3046, 0.2970, 0.2627**, and **13.6023, 0.2493, 0.1830** is the 20% darker color. If you saturate the color by 10%, you get **25.1289, 0.2506, 0.1816**, and if you desaturate by 10%, it is **41.5424, 0.2795, 0.2441**.

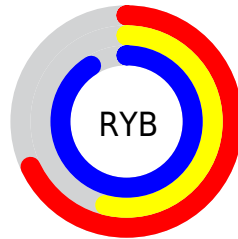
Distribution



Red (68%)

Green (54%)

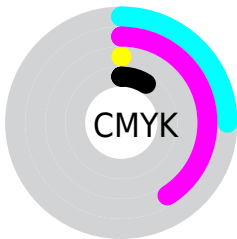
Blue (91%)



Red (68%)

Yellow (54%)

Blue (91%)

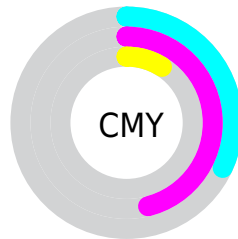


Cyan (25%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (32%)


Magenta (46%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5451, 0.2656, 0.2129 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 32.5451, 0.2656, 0.2129 by changing the saturation by 10% instead.

 32.5451, 0.2656,
0.2129


 32.5451, 0.2656,
0.2129


313.5949, 0.2911,
0.2687


 21.7782, 0.2588,
0.1999


 63.6647, 0.2752,
0.2325

 13.6940, 0.2499,
0.1839


 84.7861, 0.2787,
0.2401

 7.9082, 0.2379,
0.1637

 110.1279, 0.2817,
0.2466

 4.0362, 0.2210,
0.1379

140.0743, 0.2842,
0.2522

 1.6939, 0.1961,
0.1046

175.0098, 0.2863,
0.2571

 0.4197, 0.1592,
0.0536

215.3188, 0.2881,


 0.0000, 0.0475,


0.2614

0.0000


261.3857, 0.2897,
0.2653


 0.0000, 0.0000,
0.0000

 32.5451, 0.2656,
0.2129


 32.5451, 0.2656,
0.2129


 25.1289, 0.2506,
0.1816


 41.5424, 0.2795,
0.2441


 19.1941, 0.2348,
0.1516


 52.2046, 0.2919,
0.2740


 14.6352, 0.2191,
0.1247

 64.6141, 0.3028,
0.3019

 11.3305, 0.2041,
0.1026

 78.8466, 0.3121,
0.3274

 9.1356, 0.1909,
0.0865

 94.9732, 0.3201,
0.3503

■ 7.8674, 0.1804,
0.0768

■ 98.5478, 0.3268,
0.3523

Harmonies

Analogous

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



32.5451, 0.2052, 0.2034



32.5451, 0.2656, 0.2129



32.5451, 0.3490, 0.2451

Triad

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



32.5451, 0.2656, 0.2129



32.5451, 0.4685, 0.4138



32.5451, 0.2023, 0.3527

Complementary

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



32.5451, 0.2656, 0.2129



70.5375, 0.3463, 0.4396

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.



32.5451, 0.2631, 0.4417



32.5451, 0.2656, 0.2129



32.5451, 0.4170, 0.4663

Square

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



32.5451, 0.2656, 0.2129



32.5451, 0.4765, 0.3529



32.5451, 0.3418, 0.4850



32.5451, 0.1726, 0.2702

Rectangle

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



32.5451, 0.2656, 0.2129



32.5451, 0.4061, 0.2765



32.5451, 0.3418, 0.4850



32.5451, 0.2195, 0.3841

Sweetspot

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



32.5464, 0.2656, 0.2129



78.6011, 0.3013, 0.2981



50.7994, 0.2499, 0.2847



16.3686, 0.3000, 0.2946



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.



32.5464, 0.2656, 0.2129



32.6555, 0.2527, 0.1860



38.6340, 0.3059, 0.2255



14.1550, 0.3040, 0.3051



4.4780, 0.1820, 0.0776



0.3830, 0.1984, 0.0867

Inverse Universe

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



38.8150, 0.3521, 0.2642



41.7493, 0.3640, 0.2512



65.3805, 0.3147, 0.4514



14.5167, 0.3196, 0.3146



10.6521, 0.4468, 0.2235



0.8052, 0.4235, 0.2107

Previews

White Background



This preview shows how the Yxy color 32.5451, 0.2656, 0.2129 looks on a white background.

Color Contrast Check

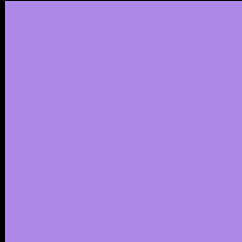
Large Text (above 18pt) WCAG AA × Fail

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 32.5451, 0.2656, 0.2129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

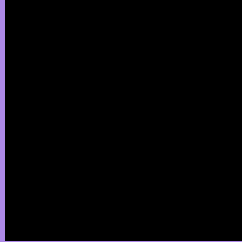
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5451, 0.2656, 0.2129

Background



This preview shows how black text looks on a background with the Yxy color 32.5451, 0.2656, 0.2129.



This preview shows how white text looks on a background with the Yxy color 32.5451, 0.2656, 0.2129.

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

32.5451, 0.2656, 0.2129

Protanopia

32.9812, 0.2229, 0.2082

Deuteranopia

32.9236, 0.2332, 0.2276



Tritanopia

32.6779, 0.3115, 0.3128

Trichromacy



Original Color

32.5451, 0.2656, 0.2129

Protanomaly

32.5884, 0.2361, 0.2099

Deuteranomaly

32.4997, 0.2434, 0.2215

Tritanomaly

32.4976, 0.2930, 0.2719

Monochromacy



Original Color

32.5451, 0.2656, 0.2129

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.1020, 0.2938, 0.2798

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5451, 0.2656, 0.2129 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, 137, 231)` looks like.

```
.text, #text, p{  
    color:rgb(173, 137, 231)  
}
```

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, 137, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 137, 231) }
```

Border

The CSS property to change the border of an element to Yxy 32.5451, 0.2656, 0.2129 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, 137, 231) }
```

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

```
.border{ border-color:rgb(173, 137, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 137, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 137, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 137, 231);  
box-shadow:4px 4px 4px 4px rgb(173, 137,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5451, 0.2656, 0.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 137, 231) }
```

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

```
.background{ background-color: rgb(173,  
137, 231) }
```

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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