

Converting Colors

Yxy(52.4987, 0.3151, 0.2732)

Have a look what the booklet for
Yxy(52.4987, 0.3151, 0.2732)
contains.

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Color

Yxy(52.3197, 0.3153, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	E2AFE2
RGB	226, 175, 226
RGB Percent	89%, 69%, 89%
CMY	0.1140, 0.3136, 0.1138
CMYK	0.00, 0.23, 0.00, 0.11
HSL	300°, 47%, 79%
HSV	300°, 23%, 89%
XYZ	60.4043, 52.3197, 78.8531
YIQ	196.0630, 14.0250, 26.6730

Conversions

Conversions Part 2

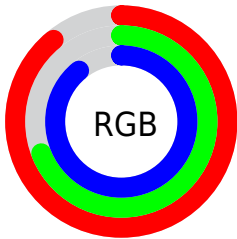
Format	Color
R_{YB}	226, 175, 226
Decimal	14856162
CIE _{Lab}	77.47, 26.98, -18.45
CIE _{LCh}	77, 32.687, 325.644
Yxy	52.3197, 0.3153, 0.2731
Android (android.graphics.Color)	4293046242 (0xFFE2AFE2)
YUV	196.0630, 14.7589, 26.2547
Hunter-Lab	72.3324, 22.4825, -14.0023

Details

The Yxy color $52.3197, 0.3153, 0.2731$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $66.6030, 0.3098, 0.3920$, and the grayscale version is $55.1441, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6318, 0.3138, 0.3058$, and $25.4054, 0.3149, 0.2590$ is the 20% darker color. If you saturate the color by 10%, you get $44.2436, 0.3164, 0.2484$, and if you desaturate by 10%, it is $61.8724, 0.3141, 0.2982$.

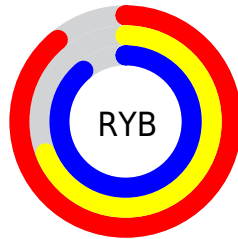
Distribution



Red (89%)

Green (69%)

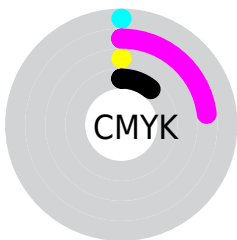
Blue (89%)



Red (89%)

Yellow (69%)

Blue (89%)

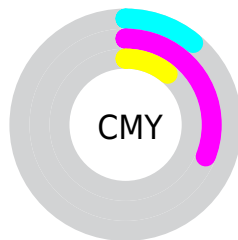


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3197, 0.3153, 0.2731 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 52.3197, 0.3153, 0.2731 by changing the saturation by 10% instead.


 52.3197, 0.3153,
0.2731

 52.3197, 0.3153,
0.2731


395.6696, 0.3145,
0.2992

 37.2600, 0.3154,
0.2671


 93.6026, 0.3151,
0.2822

 25.4088, 0.3154,
0.2596


120.5945, 0.3150,
0.2857

 16.3819, 0.3153,
0.2501


152.3326, 0.3149,
0.2888

 9.7948, 0.3149,
0.2377

189.2012, 0.3149,
0.2914

 5.2631, 0.3142,
0.2208

231.5849, 0.3148,
0.2937

 2.4025, 0.3122,
0.1964

279.8679, 0.3147,

 0.8272, 0.3071,

0.2958

0.1587

334.4347, 0.3146,
0.2976

0.0000, 0.2850,
0.0000

0.0000, 0.0000,
0.0000

52.3197, 0.3153,
0.2731

52.3197, 0.3153,
0.2731

44.2436, 0.3164,
0.2484

61.8724, 0.3141,
0.2982

37.5642, 0.3175,
0.2250

72.9630, 0.3130,
0.3229

32.2041, 0.3185,
0.2038

85.6576, 0.3119,
0.3466

28.0760, 0.3193,
0.1857

93.1817, 0.3113,
0.3588

■ 25.0820, 0.3199,
0.1716

■ 93.1850, 0.3114,
0.3588

■ 23.1091, 0.3204,
0.1618

■ 93.1883, 0.3114,
0.3588

■ 22.0215, 0.3206,
0.1561

■ 93.1916, 0.3114,
0.3588

■ 21.6229, 0.3207,
0.1540

■ 93.1949, 0.3114,
0.3588

■ 93.1982, 0.3114,
0.3588

Harmonies

Analogous

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



52.3197, 0.2734, 0.2593



52.3197, 0.3153, 0.2731



52.3197, 0.3593, 0.2994

Triad

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



52.3197, 0.3153, 0.2731



52.3197, 0.3840, 0.3967



52.3197, 0.2396, 0.3166

Complementary

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



52.3197, 0.3153, 0.2731



66.6030, 0.3098, 0.3920

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.



52.3197, 0.2657, 0.3601



52.3197, 0.3153, 0.2731



52.3197, 0.3488, 0.4085

Square

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



52.3197, 0.3153, 0.2731



52.3197, 0.4003, 0.3683



52.3197, 0.3054, 0.3956



52.3197, 0.2321, 0.2810

Rectangle

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



52.3197, 0.3153, 0.2731



52.3197, 0.3829, 0.3215



52.3197, 0.3054, 0.3956



52.3197, 0.2464, 0.3309

Sweetspot

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



52.3220, 0.3153, 0.2731



89.1322, 0.3135, 0.3118



45.6132, 0.2747, 0.2671



18.8878, 0.3136, 0.3103



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.



52.3220, 0.3153, 0.2731



63.6492, 0.3158, 0.2616



51.0733, 0.3356, 0.2992



13.9350, 0.3138, 0.3059



12.3384, 0.3207, 0.1540



0.8554, 0.3207, 0.1541

Inverse Universe

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



49.9377, 0.3588, 0.3291



59.9953, 0.3715, 0.3291



67.6553, 0.2947, 0.3608



13.7007, 0.3292, 0.3290



9.2246, 0.6400, 0.3299



0.6395, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 52.3197, 0.3153, 0.2731 looks on a white background.

Color Contrast Check

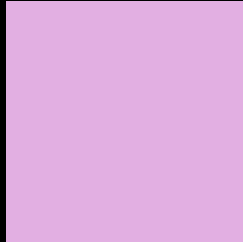
Large Text (above 18pt) WCAG AA × Fail

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 52.3197, 0.3153, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

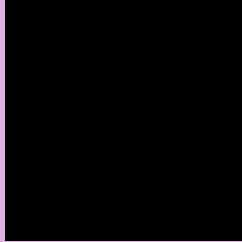
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3197, 0.3153, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 52.3197, 0.3153, 0.2731.



This preview shows how white text looks on a background with the Yxy color 52.3197, 0.3153, 0.2731.

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

52.3197, 0.3153, 0.2731

Protanopia

52.7068, 0.2739, 0.2744

Deuteranopia

52.5246, 0.2919, 0.2853



Tritanopia

52.5175, 0.3367, 0.3130

Trichromacy



Original Color

52.3197, 0.3153, 0.2731



Protanomaly

52.3944, 0.2878, 0.2745



Deuteranomaly

52.4250, 0.2997, 0.2806



Tritanomaly

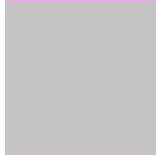
52.3844, 0.3287, 0.2984

Monochromacy



Original Color

52.3197, 0.3153, 0.2731



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.7368, 0.3138, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3197, 0.3153, 0.2731 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(226, 175, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 175, 226)  
}
```

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(226, 175, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 175, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.3197, 0.3153, 0.2731 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(226, 175, 226) }
```

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

```
.border{ border-color:rgb(226, 175, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 175, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 175, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 175, 226); box-shadow:4px 4px 4px 4px rgb(226, 175, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3197, 0.3153, 0.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 175, 226) }
```

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

```
.background{ background-color: rgb(226,  
175, 226) }
```

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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