

Converting Colors

$Y_{xy}(52.1363, 0.3170, 0.2733)$

Have a look what the booklet for
Yxy(52.1363, 0.3170, 0.2733)
contains.

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Color

Yxy(52.0392, 0.3170, 0.2731)

Conversions

Conversions Part 1

Format	Color
Hex	E3AEE1
RGB	227, 174, 225
RGB Percent	89%, 68%, 88%
CMY	0.1098, 0.3176, 0.1176
CMYK	0.00, 0.23, 0.01, 0.11
HSL	302°, 49%, 79%
HSV	302°, 23%, 89%
XYZ	60.4043, 52.0392, 78.1064
YIQ	195.6610, 15.2170, 27.0970

Conversions

Conversions Part 2

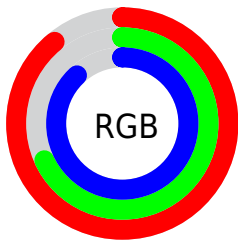
Format	Color
R_{YB}	227, 174, 225
Decimal	14921441
CIE _{Lab}	77.30, 27.71, -18.17
CIE _{LCh}	77, 33.130, 326.748
Yxy	52.0392, 0.3170, 0.2731
Android (android.graphics.Color)	4293111521 (0xFFE3AEE1)
YUV	195.6610, 14.4641, 27.4843
Hunter-Lab	72.1382, 23.2237, -13.6985

Details

The Yxy color $52.0392, 0.3170, 0.2731$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $67.0663, 0.3084, 0.3921$, and the grayscale version is $54.8947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $25.2350, 0.3171, 0.2591$ is the 20% darker color. If you saturate the color by 10%, you get $43.9531, 0.3190, 0.2492$, and if you desaturate by 10%, it is $61.6121, 0.3151, 0.2974$.

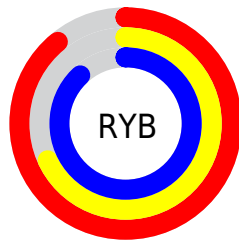
Distribution



Red (89%)

Green (68%)

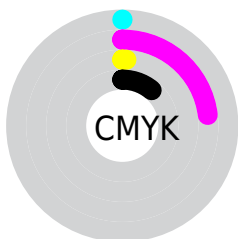
Blue (88%)



Red (89%)

Yellow (68%)

Blue (88%)

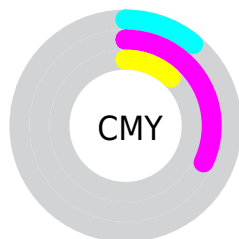


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0392, 0.3170, 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 52.0392, 0.3170, 0.2731 by changing the saturation by 10% instead.


 52.0392, 0.3170,
0.2731

 52.0392, 0.3170,
0.2731


394.5879, 0.3154,
0.2993

 37.0363, 0.3173,
0.2671


 93.1890, 0.3165,
0.2822

 25.2356, 0.3175,
0.2596


120.1048, 0.3163,
0.2858

 16.2527, 0.3177,
0.2501


151.7603, 0.3161,
0.2888

 9.7031, 0.3178,
0.2376

188.5400, 0.3160,
0.2914

 5.2026, 0.3176,
0.2206

230.8282, 0.3158,
0.2938

 2.3666, 0.3166,
0.1962

279.0093, 0.3157,

 0.8086, 0.3131,

0.2958

0.1582

333.4677, 0.3155,
0.2976

0.0000, 0.2935,
0.0000

0.0000, 0.0000,
0.0000

52.0392, 0.3170,
0.2731

52.0392, 0.3170,
0.2731

43.9531, 0.3190,
0.2492

61.6121, 0.3151,
0.2974

37.2724, 0.3211,
0.2265

72.7342, 0.3133,
0.3212

31.9187, 0.3231,
0.2060

85.4725, 0.3116,
0.3441

27.8026, 0.3251,
0.1886

93.4730, 0.3106,
0.3562

■ 24.8242, 0.3269,
0.1751

■ 93.5201, 0.3101,
0.3553

■ 22.8680, 0.3284,
0.1659

■ 93.5676, 0.3096,
0.3544

■ 21.7939, 0.3298,
0.1610

■ 93.6152, 0.3091,
0.3536

■ 21.4194, 0.3306,
0.1595

■ 93.6631, 0.3087,
0.3527

■ 93.7112, 0.3082,
0.3518

Harmonies

Analogous

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



52.0392, 0.2742, 0.2586



52.0392, 0.3170, 0.2731



52.0392, 0.3616, 0.3001

Triad

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



52.0392, 0.3170, 0.2731



52.0392, 0.3841, 0.3985



52.0392, 0.2379, 0.3148

Complementary

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



52.0392, 0.3170, 0.2731



67.0663, 0.3084, 0.3921

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.



52.0392, 0.2637, 0.3590



52.0392, 0.3170, 0.2731



52.0392, 0.3477, 0.4098

Square

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



52.0392, 0.3170, 0.2731



52.0392, 0.4015, 0.3700



52.0392, 0.3036, 0.3957



52.0392, 0.2310, 0.2792

Rectangle

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



52.0392, 0.3170, 0.2731



52.0392, 0.3851, 0.3226



52.0392, 0.3036, 0.3957



52.0392, 0.2446, 0.3292

Sweetspot

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



52.0415, 0.3170, 0.2731



89.0925, 0.3139, 0.3125



45.0242, 0.2744, 0.2637



18.8786, 0.3140, 0.3110



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.



52.0415, 0.3170, 0.2731



62.4249, 0.3180, 0.2614



50.7154, 0.3389, 0.3011



14.6055, 0.3144, 0.3067



12.4971, 0.3304, 0.1594



0.9264, 0.3289, 0.1586

Inverse Universe

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



52.0415, 0.3170, 0.2731



62.4249, 0.3180, 0.2614



68.2093, 0.2926, 0.3588



14.6055, 0.3144, 0.3067



12.4971, 0.3304, 0.1594



0.9264, 0.3289, 0.1586

Previews

White Background



This preview shows how the Yxy color 52.0392, 0.3170, 0.2731 looks on a white background.

Color Contrast Check

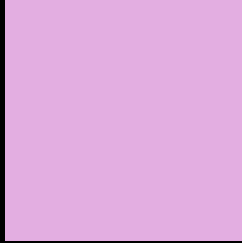
Large Text (above 18pt) WCAG AA × Fail

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 52.0392, 0.3170, 0.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

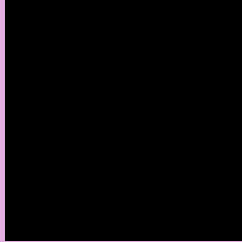
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0392, 0.3170, 0.2731

Background



This preview shows how black text looks on a background with the Yxy color 52.0392, 0.3170, 0.2731.



This preview shows how white text looks on a background with the Yxy color 52.0392, 0.3170, 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

52.0392, 0.3170, 0.2731

Protanopia

52.2171, 0.2744, 0.2743

Deuteranopia

52.4705, 0.2926, 0.2864



Tritanopia

52.2255, 0.3386, 0.3130

Trichromacy



Original Color

52.0392, 0.3170, 0.2731

Protanomaly

52.0563, 0.2892, 0.2745

Deuteranomaly

52.1031, 0.3012, 0.2807

Tritanomaly

52.0959, 0.3305, 0.2985

Monochromacy



Original Color

52.0392, 0.3170, 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 52.0392, 0.3170, 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(227, 174, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 225)  
}
```

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(227, 174, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.0392, 0.3170, 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(227, 174, 225) }
```

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

```
.border{ border-color:rgb(227, 174, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 174, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0392, 0.3170, 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(227, 174, 225) }
```

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

```
.background{ background-color: rgb(227,  
174, 225) }
```

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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