

Converting Colors

$Y_{xy}(52.4228, 0.3211, 0.2756)$

Have a look what the booklet for
Yxy(52.4228, 0.3211, 0.2756)
contains.

Yxy(52.4228, 0.3211, 0.2756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.4228, 0.3211, 0.2756)

Conversions

Conversions Part 1

Format	Color
Hex	E6AEDF
RGB	230, 174, 223
RGB Percent	90%, 68%, 87%
CMY	0.0982, 0.3175, 0.1255
CMYK	0.00, 0.24, 0.03, 0.10
HSL	307°, 53%, 79%
HSV	307°, 24%, 90%
XYZ	61.0775, 52.4228, 76.7130
YIQ	196.3300, 17.6470, 27.1110

Conversions

Conversions Part 2

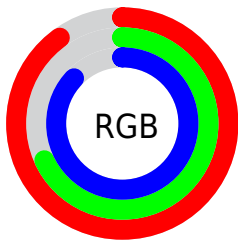
Format	Color
R _Y B	230, 174, 223
Decimal	15118047
CIE Lab	77.53, 28.31, -16.70
CIE LCh	78, 32.870, 329.464
Yxy	52.4228, 0.3211, 0.2756
Android (android.graphics.Color)	4293308127 (0xFFE6AEDF)
YUV	196.3300, 13.1483, 29.5286
Hunter-Lab	72.4036, 23.8710, -12.1364

Details

The Yxy color $52.4228, 0.3211, 0.2756$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $68.9050, 0.3053, 0.3890$, and the grayscale version is $55.3220, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $25.5006, 0.3227, 0.2624$ is the 20% darker color. If you saturate the color by 10%, you get $44.1332, 0.3252, 0.2535$, and if you desaturate by 10%, it is $62.2406, 0.3174, 0.2979$.

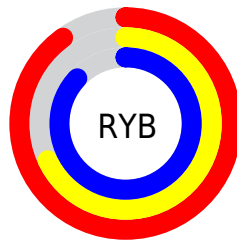
Distribution



Red (90%)

Green (68%)

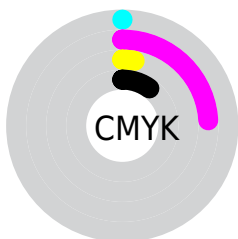
Blue (87%)



Red (90%)

Yellow (68%)

Blue (87%)

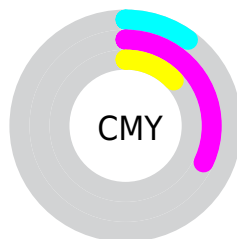


Cyan (0%)

Magenta (24%)

Yellow (3%)

Black (10%)



Cyan (10%)


Magenta (32%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4228, 0.3211, 0.2756 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 52.4228, 0.3211, 0.2756 by changing the saturation by 10% instead.

 52.4228, 0.3211,
0.2756

 52.4228, 0.3211,
0.2756


396.0667, 0.3175,
0.3006

 37.3422, 0.3218,
0.2698


 93.7545, 0.3199,
0.2843

 25.4725, 0.3227,
0.2627

120.7743, 0.3194,
0.2877

 16.4295, 0.3238,
0.2536


152.5427, 0.3190,
0.2906

 9.8286, 0.3250,
0.2416

189.4441, 0.3186,
0.2931

 5.2854, 0.3265,
0.2253

231.8628, 0.3183,
0.2953

 2.4157, 0.3279,
0.2017

280.1831, 0.3180,

 0.8339, 0.3287,

0.2973

0.1651

334.7897, 0.3177,
0.2990

0.0000, 0.3315,
0.0000

0.0000, 0.0000,
0.0000

52.4228, 0.3211,
0.2756

52.4228, 0.3211,
0.2756

44.1332, 0.3252,
0.2535

62.2406, 0.3174,
0.2979

37.2874, 0.3297,
0.2324


73.6517, 0.3140,
0.3198


31.8035, 0.3345,
0.2133

86.7256, 0.3111,
0.3408

27.5884, 0.3393,
0.1972


94.3010, 0.3090,
0.3498


 24.5376, 0.3442,
0.1850


 94.4670, 0.3074,
0.3469


 22.5296, 0.3488,
0.1771


 94.6357, 0.3058,
0.3439

 21.4164, 0.3532,
0.1737

 94.8071, 0.3042,
0.3410

 21.0501, 0.3555,
0.1732

 94.9811, 0.3026,
0.3381

 95.1579, 0.3010,
0.3352

Harmonies

Analogous

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



52.4228, 0.2780, 0.2599



52.4228, 0.3211, 0.2756



52.4228, 0.3646, 0.3033

Triad

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



52.4228, 0.3211, 0.2756



52.4228, 0.3807, 0.3997



52.4228, 0.2372, 0.3113

Complementary

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



52.4228, 0.3211, 0.2756



68.9050, 0.3053, 0.3890

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.



52.4228, 0.2612, 0.3547



52.4228, 0.3211, 0.2756



52.4228, 0.3436, 0.4087

Square

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



52.4228, 0.3211, 0.2756



52.4228, 0.4000, 0.3726



52.4228, 0.2998, 0.3924



52.4228, 0.2322, 0.2773

Rectangle

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



52.4228, 0.3211, 0.2756



52.4228, 0.3868, 0.3259



52.4228, 0.2998, 0.3924



52.4228, 0.2432, 0.3253

Sweetspot

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



52.4251, 0.3211, 0.2756



88.9932, 0.3149, 0.3139



45.7618, 0.2760, 0.2611



18.8555, 0.3151, 0.3126



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.



52.4251, 0.3211, 0.2756



60.9702, 0.3231, 0.2648



51.0584, 0.3444, 0.3049



14.5828, 0.3157, 0.3087



11.9352, 0.3549, 0.1729



0.8907, 0.3492, 0.1697

Inverse Universe

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



52.4251, 0.3211, 0.2756



60.9702, 0.3231, 0.2648



70.1493, 0.2890, 0.3545



14.5828, 0.3157, 0.3087



11.9352, 0.3549, 0.1729



0.8907, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 52.4228, 0.3211, 0.2756 looks on a white background.

Color Contrast Check

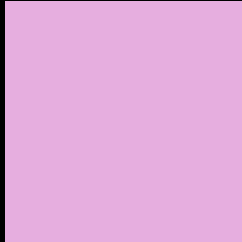
Large Text (above 18pt) WCAG AA × Fail

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 52.4228, 0.3211, 0.2756 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 52.4228, 0.3211, 0.2756

Background



This preview shows how black text looks on a background with the Yxy color 52.4228, 0.3211, 0.2756.



This preview shows how white text looks on a background with the Yxy color 52.4228, 0.3211, 0.2756.

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

52.4228, 0.3211, 0.2756

Protanopia

52.7125, 0.2759, 0.2767

Deuteranopia

52.6314, 0.2955, 0.2889



Tritanopia

52.2592, 0.3422, 0.3131

Trichromacy



Original Color

52.4228, 0.3211, 0.2756



Protanomaly

52.1363, 0.2907, 0.2756



Deuteranomaly

52.2851, 0.3043, 0.2830



Tritanomaly

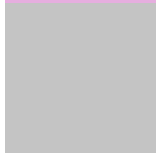
52.1348, 0.3340, 0.2987

Monochromacy



Original Color

52.4228, 0.3211, 0.2756



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.8326, 0.3153, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4228, 0.3211, 0.2756 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(230, 174, 223)` looks like.

```
.text, #text, p{  
    color:rgb(230, 174, 223)  
}
```

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(230, 174, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 174, 223) }
```

Border

The CSS property to change the border of an element to Yxy 52.4228, 0.3211, 0.2756 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(230, 174, 223) }
```

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

```
.border{ border-color:rgb(230, 174, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 174, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 174, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 174, 223);  
box-shadow:4px 4px 4px 4px rgb(230, 174,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4228, 0.3211, 0.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 174, 223) }
```

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

```
.background{ background-color: rgb(230,  
174, 223) }
```

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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