

Converting Colors

$Yxy(53.0019, 0.3387, 0.3101)$

Have a look what the booklet for
Yxy(53.0019, 0.3387, 0.3101)
contains.

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Color

Yxy(52.8425, 0.3386, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	E2B4C5
RGB	226, 180, 197
RGB Percent	89%, 71%, 77%
CMY	0.1138, 0.2940, 0.2275
CMYK	0.00, 0.20, 0.13, 0.11
HSL	338°, 44%, 80%
HSV	338°, 20%, 89%
XYZ	57.7549, 52.8425, 59.9723
YIQ	195.6920, 21.9590, 15.0390

Conversions

Conversions Part 2

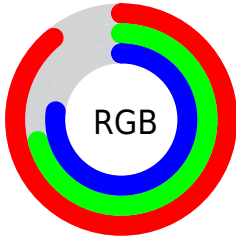
Format	Color
R _Y B	226, 180, 197
Decimal	14857413
CIE Lab	77.78, 19.27, -2.25
CIE LCh	78, 19.399, 353.339
Yxy	52.8425, 0.3386, 0.3098
Android (android.graphics.Color)	4293047493 (0xFFE2B4C5)
YUV	195.6920, 0.6448, 26.5801
Hunter-Lab	72.6928, 14.6069, 1.9702

Details

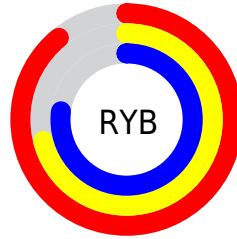
The Yxy color $52.8425, 0.3386, 0.3098$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.6848, 0.2924, 0.3491$, and the grayscale version is $54.9939, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4067, 0.3142, 0.3117$, and $25.7080, 0.3457, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $43.8290, 0.3557, 0.2998$, and if you desaturate by 10%, it is $63.4099, 0.3246, 0.3195$.

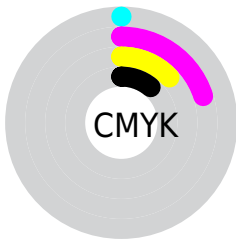
Distribution



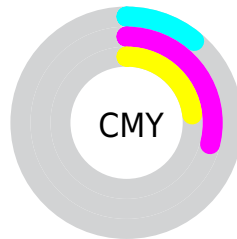
- Red (89%)
- Green (71%)
- Blue (77%)



- Red (89%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8425, 0.3386, 0.3098 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 52.8425, 0.3386, 0.3098 by changing the saturation by 10% instead.


 52.8425, 0.3386,
0.3098

 52.8425, 0.3386,
0.3098


397.6806, 0.3260,
0.3191

 37.6771, 0.3417,
0.3076


 94.3726, 0.3341,
0.3131

 25.7321, 0.3455,
0.3047


121.5060, 0.3324,
0.3144

 16.6234, 0.3506,
0.3011


153.3975, 0.3309,
0.3155

 9.9663, 0.3575,
0.2961

190.4315, 0.3296,
0.3164

 5.3766, 0.3676,
0.2889

232.9924, 0.3286,
0.3172

 2.4699, 0.3833,
0.2778

281.4647, 0.3276,

 0.8615, 0.4116,

0.3179

0.2582

336.2326, 0.3267,
0.3185

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8425, 0.3386,
0.3098

52.8425, 0.3386,
0.3098

43.8290, 0.3557,
0.2998

63.4099, 0.3246,
0.3195

36.2884, 0.3763,
0.2898

75.5927, 0.3131,
0.3287

30.1436, 0.4006,
0.2807

89.4579, 0.3037,
0.3372

25.3071, 0.4288,
0.2732

94.8391, 0.2957,
0.3300

■ 21.6817, 0.4600,
0.2688

■ 94.9037, 0.2952,
0.3289

■ 19.1563, 0.4929,
0.2685

■ 17.5989, 0.5251,
0.2733

■ 16.7954, 0.5534,
0.2822

Harmonies

Analogous

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



52.8425, 0.3127, 0.2937



52.8425, 0.3386, 0.3098



52.8425, 0.3579, 0.3308

Triad

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



52.8425, 0.3386, 0.3098



52.8425, 0.3368, 0.3753



52.8425, 0.2635, 0.3025

Complementary

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



52.8425, 0.3386, 0.3098



68.6848, 0.2924, 0.3491

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.



52.8425, 0.2694, 0.3245



52.8425, 0.3386, 0.3098



52.8425, 0.3111, 0.3682

Square

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



52.8425, 0.3386, 0.3098



52.8425, 0.3565, 0.3689



52.8425, 0.2865, 0.3490



52.8425, 0.2701, 0.2889

Rectangle

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



52.8425, 0.3386, 0.3098



52.8425, 0.3639, 0.3454



52.8425, 0.2865, 0.3490



52.8425, 0.2641, 0.3091

Sweetspot

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



52.8449, 0.3386, 0.3098



90.0177, 0.3193, 0.3235



51.6011, 0.3008, 0.2764



19.0452, 0.3201, 0.3229



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.



52.8449, 0.3386, 0.3098



64.7334, 0.3447, 0.3060



54.3170, 0.3520, 0.3353



13.7838, 0.3234, 0.3204



9.6058, 0.5493, 0.2800



0.6827, 0.5070, 0.2567

Inverse Universe

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



52.8449, 0.3386, 0.3098



64.7334, 0.3447, 0.3060



66.7012, 0.2820, 0.3226



13.7838, 0.3234, 0.3204



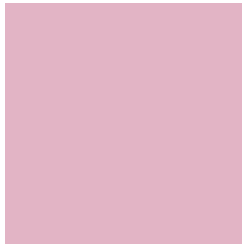
9.6058, 0.5493, 0.2800



0.6827, 0.5070, 0.2567

Previews

White Background



This preview shows how the Yxy color 52.8425, 0.3386, 0.3098 looks on a white background.

Color Contrast Check

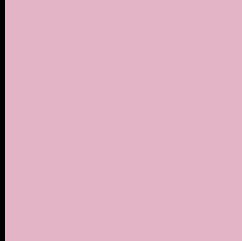
Large Text (above 18pt) WCAG AA × Fail

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 52.8425, 0.3386, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

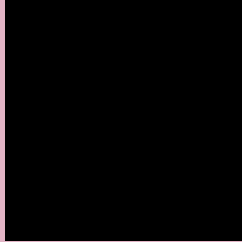
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8425, 0.3386, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 52.8425, 0.3386, 0.3098.



This preview shows how white text looks on a background with the Yxy color 52.8425, 0.3386, 0.3098.

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

52.8425, 0.3386, 0.3098

Protanopia

52.9587, 0.3047, 0.3132

Deuteranopia

53.2278, 0.3249, 0.3184



Tritanopia

52.7063, 0.3412, 0.3131

Trichromacy



Original Color

52.8425, 0.3386, 0.3098

Protanomaly

52.7368, 0.3168, 0.3123

Deuteranomaly

52.8654, 0.3303, 0.3151

Tritanomaly

52.7514, 0.3403, 0.3120

Monochromacy



Original Color

52.8425, 0.3386, 0.3098

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0778, 0.3221, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8425, 0.3386, 0.3098 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, 180, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 180, 197)  
}
```

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, 180, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 180, 197) }
```

Border

The CSS property to change the border of an element to Yxy 52.8425, 0.3386, 0.3098 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, 180, 197) }
```

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

```
.border{ border-color:rgb(226, 180, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 180, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 180, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 180, 197); box-shadow:4px 4px 4px 4px rgb(226, 180, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8425, 0.3386, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 180, 197) }
```

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

```
.background{ background-color: rgb(226,  
180, 197) }
```

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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