

Converting Colors

Yxy(52.3418, 0.3372, 0.3042)

Have a look what the booklet for
Yxy(52.3418, 0.3372, 0.3042)
contains.

Yxy(52.3418, 0.3372, 0.3042)	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(52.3418, 0.3372, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	E3B2C8
RGB	227, 178, 200
RGB Percent	89%, 70%, 78%
CMY	0.1099, 0.3019, 0.2156
CMYK	0.00, 0.22, 0.12, 0.11
HSL	333°, 47%, 79%
HSV	333°, 22%, 89%
XYZ	58.0199, 52.3418, 61.7021
YIQ	195.1590, 22.1420, 17.2300

Conversions

Conversions Part 2

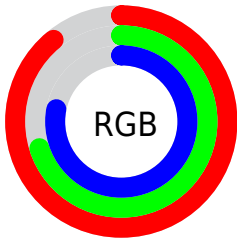
Format	Color
R _Y B	227, 178, 200
Decimal	14922440
CIE Lab	77.48, 21.20, -4.32
CIE LCh	77, 21.632, 348.470
Yxy	52.3418, 0.3372, 0.3042
Android (android.graphics.Color)	4293112520 (0xFFE3B2C8)
YUV	195.1590, 2.3866, 27.9246
Hunter-Lab	72.3476, 16.5415, 0.0775

Details

The Yxy color $52.3418, 0.3372, 0.3042$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.7964, 0.2935, 0.3553$, and the grayscale version is $54.6495, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $25.4005, 0.3438, 0.2979$ is the 20% darker color. If you saturate the color by 10%, you get $43.4854, 0.3524, 0.2921$, and if you desaturate by 10%, it is $62.7450, 0.3246, 0.3161$.

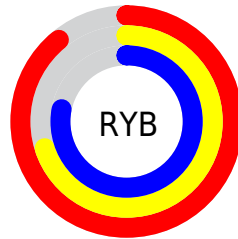
Distribution



Red (89%)

Green (70%)

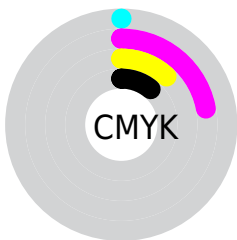
Blue (78%)



Red (89%)

Yellow (70%)

Blue (78%)

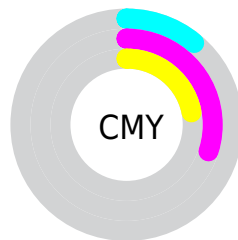


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (11%)



Cyan (11%)


Magenta (30%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3418, 0.3372, 0.3042 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 52.3418, 0.3372, 0.3042 by changing the saturation by 10% instead.


 52.3418, 0.3372,
0.3042

 52.3418, 0.3372,
0.3042


395.7547, 0.3253,
0.3162

 37.2776, 0.3401,
0.3013


 93.6351, 0.3330,
0.3084

 25.4225, 0.3437,
0.2978


120.6330, 0.3313,
0.3101

 16.3921, 0.3484,
0.2931


152.3776, 0.3300,
0.3115

 9.8020, 0.3549,
0.2868

189.2533, 0.3288,
0.3126

 5.2679, 0.3642,
0.2779

231.6445, 0.3277,
0.3137

 2.4053, 0.3787,
0.2641

279.9355, 0.3268,

 0.8286, 0.4045,

0.3146

0.2403

334.5108, 0.3260,
0.3154

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3418, 0.3372,
0.3042

52.3418, 0.3372,
0.3042

43.4854, 0.3524,
0.2921

62.7450, 0.3246,
0.3161

36.0941, 0.3705,
0.2801

74.7574, 0.3142,
0.3273

30.0895, 0.3917,
0.2691

88.4466, 0.3056,
0.3378

25.3829, 0.4159,
0.2600

94.7487, 0.2985,
0.3340

■ 21.8752, 0.4426,
0.2542

■ 95.0666, 0.2958,
0.3290

■ 19.4527, 0.4706,
0.2529

■ 17.9793, 0.4982,
0.2570

■ 17.2866, 0.5203,
0.2640

Harmonies

Analogous

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



52.3418, 0.3078, 0.2877



52.3418, 0.3372, 0.3042



52.3418, 0.3606, 0.3269

Triad

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



52.3418, 0.3372, 0.3042



52.3418, 0.3437, 0.3807



52.3418, 0.2581, 0.3027

Complementary

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



52.3418, 0.3372, 0.3042



68.7964, 0.2935, 0.3553

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.



52.3418, 0.2667, 0.3283



52.3418, 0.3372, 0.3042



52.3418, 0.3155, 0.3754

Square

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



52.3418, 0.3372, 0.3042



52.3418, 0.3642, 0.3711



52.3418, 0.2874, 0.3556



52.3418, 0.2631, 0.2859

Rectangle

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



52.3418, 0.3372, 0.3042



52.3418, 0.3691, 0.3432



52.3418, 0.2874, 0.3556



52.3418, 0.2595, 0.3105

Sweetspot

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



52.3442, 0.3372, 0.3042



90.0931, 0.3186, 0.3224



50.3618, 0.2973, 0.2725



19.0630, 0.3193, 0.3216



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.



52.3442, 0.3372, 0.3042



62.6147, 0.3438, 0.2986



52.3708, 0.3557, 0.3319



14.4752, 0.3222, 0.3185



10.1070, 0.5167, 0.2620



0.7654, 0.4809, 0.2423

Inverse Universe

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



52.3442, 0.3372, 0.3042



62.6147, 0.3438, 0.2986



68.6054, 0.2805, 0.3261



14.4752, 0.3222, 0.3185



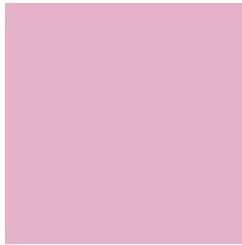
10.1070, 0.5167, 0.2620



0.7654, 0.4809, 0.2423

Previews

White Background



This preview shows how the Yxy color 52.3418, 0.3372, 0.3042 looks on a white background.

Color Contrast Check

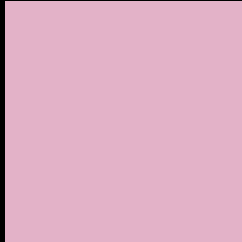
Large Text (above 18pt) WCAG AA × Fail

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 52.3418, 0.3372, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

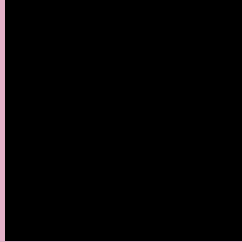
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3418, 0.3372, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 52.3418, 0.3372, 0.3042.



This preview shows how white text looks on a background with the Yxy color 52.3418, 0.3372, 0.3042.

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

52.3418, 0.3372, 0.3042

Protanopia

52.3281, 0.2994, 0.3070

Deuteranopia

52.5067, 0.3201, 0.3136



Tritanopia

52.2592, 0.3422, 0.3131

Trichromacy



Original Color

52.3418, 0.3372, 0.3042

Protanomaly

52.2221, 0.3121, 0.3064

Deuteranomaly

52.2866, 0.3263, 0.3103

Tritanomaly

52.3945, 0.3396, 0.3097

Monochromacy



Original Color

52.3418, 0.3372, 0.3042

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.6918, 0.3214, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3418, 0.3372, 0.3042 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, 178, 200)` looks like.

```
.text, #text, p{  
    color:rgb(227, 178, 200)  
}
```

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, 178, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 178, 200) }
```

Border

The CSS property to change the border of an element to Yxy 52.3418, 0.3372, 0.3042 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, 178, 200) }
```

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

```
.border{ border-color:rgb(227, 178, 200) }
```

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

Here you see how a box with a 4 pixel rgb(227, 178, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 178, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 178, 200);  
box-shadow:4px 4px 4px 4px rgb(227, 178,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3418, 0.3372, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 178, 200) }
```

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

```
.background{ background-color: rgb(227,  
178, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor