

Converting Colors

Yxy(60.3747, 0.3426, 0.3251)

Have a look what the booklet for
Yxy(60.3747, 0.3426, 0.3251)
contains.

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Color

Yxy(60.1532, 0.3423, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	EAC2C6
RGB	234, 194, 198
RGB Percent	92%, 76%, 78%
CMY	0.0824, 0.2392, 0.2235
CMYK	0.00, 0.17, 0.15, 0.08
HSL	354°, 49%, 84%
HSV	354°, 17%, 92%
XYZ	63.4137, 60.1532, 61.6908
YIQ	206.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

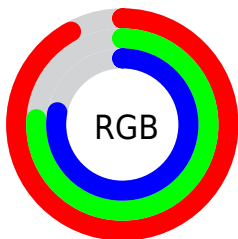
Format	Color
RYB	234, 194, 198
Decimal	15385286
CIELab	81.92, 14.83, 3.34
CIElCh	82, 15.199, 12.677
Yxy	60.1532, 0.3423, 0.3247
Android (android.graphics.Color)	4293575366 (0xFFEAC2C6)
YUV	206.4160, -4.1491, 24.1912
Hunter-Lab	77.5585, 10.2186, 7.1311

Details

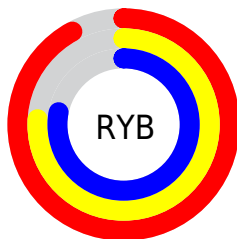
The Yxy color **60.1532, 0.3423, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.0251, 0.2892, 0.3334**, and the grayscale version is **62.0191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.2348, 0.3505, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **49.6414, 0.3655, 0.3220**, and if you desaturate by 10%, it is **72.4455, 0.3237, 0.3273**.

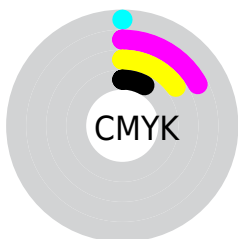
Distribution



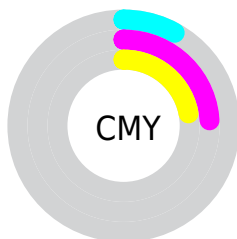
- Red (92%)
- Green (76%)
- Blue (78%)



- Red (92%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (8%)





- Cyan (8%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1532, 0.3423, 0.3247 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 60.1532, 0.3423, 0.3247 by changing the saturation by 10% instead.


 60.1532, 0.3423,
0.3247

 60.1532, 0.3423,
0.3247

425.1622, 0.3281,
0.3269

 43.5421, 0.3457,
0.3242


 105.0519, 0.3372,
0.3255

 30.3107, 0.3500,
0.3234


134.1083, 0.3353,
0.3258

 20.0745, 0.3555,
0.3225


168.0819, 0.3337,
0.3260

 12.4492, 0.3630,
0.3212

207.3571, 0.3322,
0.3263

 7.0504, 0.3736,
0.3192

252.3184, 0.3310,
0.3265

 3.4936, 0.3898,
0.3161

303.3501, 0.3299,

 1.3946, 0.4177,

0.3266

0.3101

360.8365, 0.3289,
0.3268

0.2127, 0.7262,
0.2738

0.0000, 0.0000,
0.0000

60.1532, 0.3423,
0.3247

60.1532, 0.3423,
0.3247

49.6414, 0.3655,
0.3220

72.4455, 0.3237,
0.3273

40.8199, 0.3942,
0.3194

86.5869, 0.3087,
0.3297

33.6028, 0.4289,
0.3170

96.2310, 0.2999,
0.3290

27.8935, 0.4696,
0.3153

■ 23.5851, 0.5144,
0.3148

■ 20.5562, 0.5593,
0.3160

■ 18.6654, 0.5982,
0.3191

■ 17.7300, 0.6250,
0.3237

■ 17.5542, 0.6305,
0.3247

Harmonies

Analogous

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



60.1532, 0.3256, 0.3095



60.1532, 0.3423, 0.3247



60.1532, 0.3509, 0.3414

Triad

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



60.1532, 0.3423, 0.3247



60.1532, 0.3187, 0.3611



60.1532, 0.2776, 0.3017

Complementary

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



60.1532, 0.3423, 0.3247



76.0251, 0.2892, 0.3334

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.



60.1532, 0.2760, 0.3147



60.1532, 0.3423, 0.3247



60.1532, 0.2993, 0.3497

Square

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



60.1532, 0.3423, 0.3247



60.1532, 0.3369, 0.3630



60.1532, 0.2838, 0.3324



60.1532, 0.2884, 0.2963

Rectangle

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



60.1532, 0.3423, 0.3247



60.1532, 0.3508, 0.3513



60.1532, 0.2838, 0.3324



60.1532, 0.2760, 0.3053

Sweetspot

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



60.1559, 0.3423, 0.3247



91.4158, 0.3203, 0.3278



61.3498, 0.3116, 0.2863



19.3184, 0.3214, 0.3276



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.



60.1559, 0.3423, 0.3247



67.7380, 0.3510, 0.3236



67.4809, 0.3426, 0.3465



15.0784, 0.3277, 0.3267



9.8736, 0.6283, 0.3235



0.7836, 0.6024, 0.3092

Inverse Universe

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



60.1559, 0.3423, 0.3247



67.7380, 0.3510, 0.3236



67.5529, 0.2861, 0.3108



15.0784, 0.3277, 0.3267



9.8736, 0.6283, 0.3235



0.7836, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 60.1532, 0.3423, 0.3247 looks on a white background.

Color Contrast Check

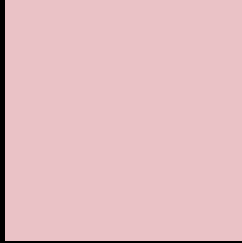
Large Text (above 18pt) WCAG AA × Fail

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 60.1532, 0.3423, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

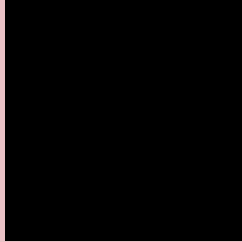
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1532, 0.3423, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 60.1532, 0.3423, 0.3247.



This preview shows how white text looks on a background with the Yxy color 60.1532, 0.3423, 0.3247.

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

60.1532, 0.3423, 0.3247

Protanopia

60.4336, 0.3166, 0.3290

Deuteranopia

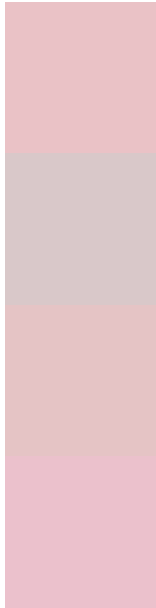
60.1325, 0.3361, 0.3291



Tritanopia

60.3071, 0.3361, 0.3138

Trichromacy



Original Color

60.1532, 0.3423, 0.3247

Protanomaly

60.2773, 0.3254, 0.3279

Deuteranomaly

60.1691, 0.3387, 0.3280

Tritanomaly

60.1617, 0.3385, 0.3171

Monochromacy



Original Color

60.1532, 0.3423, 0.3247

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.1518, 0.3229, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1532, 0.3423, 0.3247 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(234, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 198)  
}
```

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(234, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 198) }
```

Border

The CSS property to change the border of an element to Yxy 60.1532, 0.3423, 0.3247 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(234, 194, 198) }
```

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

```
.border{ border-color:rgb(234, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1532, 0.3423, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 198) }
```

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

```
.background{ background-color: rgb(234,  
194, 198) }
```

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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