

Converting Colors

$Y_{xy}(42.2196, 0.3451, 0.2813)$

Have a look what the booklet for
Yxy(42.2196, 0.3451, 0.2813)
contains.

Yxy(42.3143, 0.3458, 0.2819)	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(42.3143, 0.3458, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	E198C1
RGB	225, 152, 193
RGB Percent	88%, 60%, 76%
CMY	0.1176, 0.4039, 0.2431
CMYK	0.00, 0.32, 0.14, 0.12
HSL	326°, 55%, 74%
HSV	326°, 32%, 88%
XYZ	51.9059, 42.3143, 55.8837
YIQ	178.5010, 30.3470, 28.2270

Conversions

Conversions Part 2

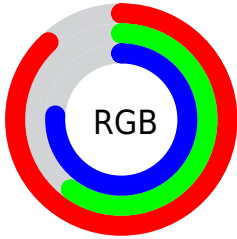
Format	Color
R_{YB}	225, 152, 193
Decimal	14784705
CIE _{Lab}	71.09, 33.32, -9.98
CIE _{LCh}	71, 34.779, 343.325
Yxy	42.3143, 0.3458, 0.2819
Android (android.graphics.Color)	4292974785 (0xFFE198C1)
YUV	178.5010, 7.1480, 40.7796
Hunter-Lab	65.0494, 28.5968, -5.4012

Details

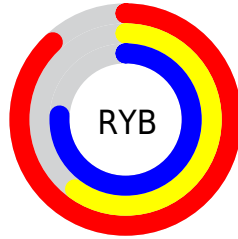
The Yxy color $42.3143, 0.3458, 0.2819$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $63.9894, 0.2894, 0.3817$, and the grayscale version is $44.7506, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7252, 0.3191, 0.2877$, and $19.4134, 0.3562, 0.2703$ is the 20% darker color. If you saturate the color by 10%, you get $35.2663, 0.3602, 0.2672$, and if you desaturate by 10%, it is $50.7809, 0.3335, 0.2969$.

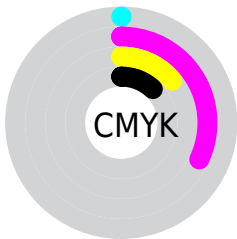
Distribution



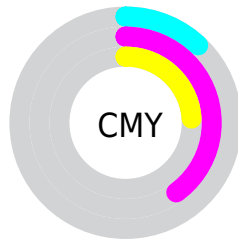
- Red (88%)
- Green (60%)
- Blue (76%)



- Red (88%)
- Yellow (60%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (14%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3143, 0.3458, 0.2819 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 42.3143, 0.3458, 0.2819 by changing the saturation by 10% instead.


 42.3143, 0.3458,
0.2819

 42.3143, 0.3458,
0.2819


355.7842, 0.3294,
0.3049

 29.3475, 0.3498,
0.2763


 78.6751, 0.3399,
0.2901

 19.3438, 0.3550,
0.2693


 102.8378, 0.3377,
0.2933

 11.9190, 0.3617,
0.2600


131.5013, 0.3358,
0.2959

 6.6885, 0.3711,
0.2474

165.0500, 0.3342,
0.2982

 3.2681, 0.3847,
0.2294

203.8682, 0.3327,
0.3002

 1.2732, 0.4065,
0.2014

248.3404, 0.3315,

 0.1203, 0.4951,

0.3020

0.0640

298.8509, 0.3304,
0.3035

0.0000, 0.0000,
0.0000

42.3143, 0.3458,
0.2819

42.3143, 0.3458,
0.2819

35.2663, 0.3602,
0.2672

50.7809, 0.3335,
0.2969

29.5519, 0.3767,
0.2537

60.7332, 0.3232,
0.3116

25.0862, 0.3952,
0.2423

72.2410, 0.3146,
0.3257

21.7716, 0.4152,
0.2344


85.3680, 0.3074,
0.3389

19.4963, 0.4362,
0.2310

93.9583, 0.3016,
0.3418

 18.1252, 0.4570,
0.2330

 94.5683, 0.2961,
0.3318

 17.5239, 0.4723,
0.2375

 94.7482, 0.2946,
0.3289

Harmonies

Analogous

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



42.3143, 0.2947, 0.2577



42.3143, 0.3458, 0.2819



42.3143, 0.3903, 0.3170

Triad

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



42.3143, 0.3458, 0.2819



42.3143, 0.3717, 0.4172



42.3143, 0.2224, 0.2885

Complementary

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



42.3143, 0.3458, 0.2819



63.9894, 0.2894, 0.3817

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.



42.3143, 0.2395, 0.3346



42.3143, 0.3458, 0.2819



42.3143, 0.3243, 0.4156

Square

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



42.3143, 0.3458, 0.2819



42.3143, 0.4046, 0.3935



42.3143, 0.2761, 0.3839



42.3143, 0.2269, 0.2589

Rectangle

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



42.3143, 0.3458, 0.2819



42.3143, 0.4081, 0.3433



42.3143, 0.2761, 0.3839



42.3143, 0.2258, 0.3025

Sweetspot

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



42.3162, 0.3458, 0.2819



84.0965, 0.3210, 0.3150



38.0398, 0.2803, 0.2396



17.5584, 0.3223, 0.3130



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.



42.3162, 0.3458, 0.2819



49.6095, 0.3554, 0.2718



40.8959, 0.3825, 0.3234



13.8288, 0.3205, 0.3159



10.1216, 0.4693, 0.2359



0.7195, 0.4402, 0.2198

Inverse Universe

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



42.3162, 0.3458, 0.2819



49.6095, 0.3554, 0.2718



65.7030, 0.2691, 0.3348



13.8288, 0.3205, 0.3159



10.1216, 0.4693, 0.2359



0.7195, 0.4402, 0.2198

Previews

White Background



This preview shows how the Yxy color 42.3143, 0.3458, 0.2819 looks on a white background.

Color Contrast Check

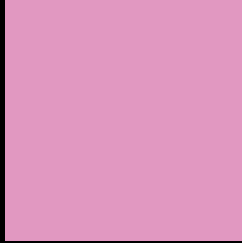
Large Text (above 18pt) WCAG AA × Fail

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 42.3143, 0.3458, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

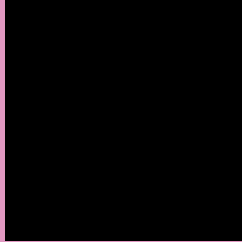
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3143, 0.3458, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 42.3143, 0.3458, 0.2819.



This preview shows how white text looks on a background with the Yxy color 42.3143, 0.3458, 0.2819.

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

42.3143, 0.3458, 0.2819

Protanopia

42.7170, 0.2821, 0.2846

Deuteranopia

42.6575, 0.3086, 0.3031



Tritanopia

42.1337, 0.3668, 0.3149

Trichromacy



Original Color

42.3143, 0.3458, 0.2819

Protanomaly

41.9934, 0.3033, 0.2824

Deuteranomaly

42.0981, 0.3217, 0.2941

Tritanomaly

42.3050, 0.3590, 0.3032

Monochromacy



Original Color

42.3143, 0.3458, 0.2819

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.5724, 0.3245, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3143, 0.3458, 0.2819 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(225, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(225, 152, 193)  
}
```

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(225, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 152, 193) }
```

Border

The CSS property to change the border of an element to Yxy 42.3143, 0.3458, 0.2819 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(225, 152, 193) }
```

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

```
.border{ border-color:rgb(225, 152, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 152, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 152, 193); box-shadow:4px 4px 4px 4px rgb(225, 152, 193) }
```


Background

The CSS property to change the background color of an element to Rgb 225, 152, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 152, 193) }
```

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

```
.background{ background-color: rgb(225,  
152, 193) }
```

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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