

Converting Colors

$Y_{xy}(40.6498, 0.3357, 0.2806)$

Have a look what the booklet for
Yxy(40.6498, 0.3357, 0.2806)
contains.

Yxy(40.6029, 0.3353, 0.2802)	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(40.6029, 0.3353, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	D698C1
RGB	214, 152, 193
RGB Percent	84%, 60%, 76%
CMY	0.1607, 0.4039, 0.2432
CMYK	0.00, 0.29, 0.10, 0.16
HSL	320°, 43%, 72%
HSV	320°, 29%, 84%
XYZ	48.5873, 40.6029, 55.7167
YIQ	175.2120, 23.7910, 25.8950

Conversions

Conversions Part 2

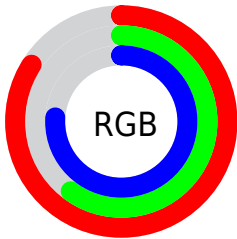
Format	Color
R _Y B	214, 152, 193
Decimal	14063809
CIE Lab	69.90, 29.54, -11.87
CIE LCh	70, 31.841, 338.108
Yxy	40.6029, 0.3353, 0.2802
Android (android.graphics.Color)	4292253889 (0xFFD698C1)
YUV	175.2120, 8.7695, 34.0171
Hunter-Lab	63.7204, 24.5968, -7.2385

Details

The Yxy color $40.6029, 0.3353, 0.2802$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.7960, 0.2956, 0.3835$, and the grayscale version is $42.9307, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7252, 0.3191, 0.2877$, and $18.2475, 0.3415, 0.2672$ is the 20% darker color. If you saturate the color by 10%, you get $33.9571, 0.3457, 0.2630$, and if you desaturate by 10%, it is $48.5217, 0.3263, 0.2975$.

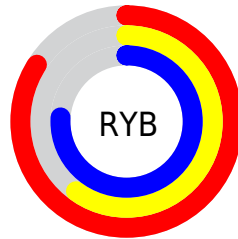
Distribution



Red (84%)

Green (60%)

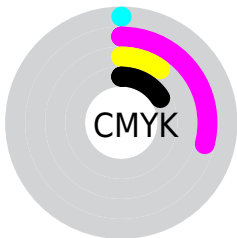
Blue (76%)



Red (84%)

Yellow (60%)

Blue (76%)

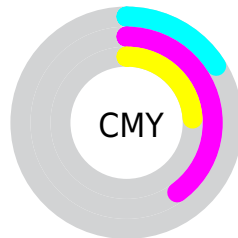


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (16%)



Cyan (16%)


Magenta (40%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6029, 0.3353, 0.2802 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 40.6029, 0.3353, 0.2802 by changing the saturation by 10% instead.


 40.6029, 0.3353,
0.2802


 40.6029, 0.3353,
0.2802


348.6582, 0.3242,
0.3042

 28.0089, 0.3380,
0.2744


 76.0807, 0.3313,
0.2888

 18.3324, 0.3414,
0.2669


 99.7334, 0.3298,
0.2921

 11.1889, 0.3459,
0.2572


127.8410, 0.3285,
0.2948

 6.1940, 0.3520,
0.2440

160.7880, 0.3274,
0.2972

 2.9634, 0.3609,
0.2248

198.9589, 0.3265,
0.2993

 1.1127, 0.3747,
0.1949

242.7379, 0.3256,

 0.0000, 0.4649,

0.3011

0.0000

292.5096, 0.3249,
0.3027

0.0000, 0.0000,
0.0000

40.6029, 0.3353,
0.2802

40.6029, 0.3353,
0.2802

33.9571, 0.3457,
0.2630

48.5217, 0.3263,
0.2975

28.5110, 0.3576,
0.2468

57.7706, 0.3186,
0.3144

24.1926, 0.3708,
0.2325

68.4098, 0.3121,
0.3306

20.9196, 0.3851,
0.2213

80.4944, 0.3067,
0.3458

18.5984, 0.3999,
0.2141

91.4915, 0.3022,
0.3559

■ 17.1187, 0.4149,
0.2119

■ 91.9063, 0.2982,
0.3482

■ 16.3042, 0.4294,
0.2144

■ 92.3382, 0.2943,
0.3405

■ 16.2345, 0.4309,
0.2148

■ 92.7875, 0.2904,
0.3330

■ 93.0388, 0.2883,
0.3289

Harmonies

Analogous

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



40.6029, 0.2883, 0.2597



40.6029, 0.3353, 0.2802



40.6029, 0.3787, 0.3118

Triad

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



40.6029, 0.3353, 0.2802



40.6029, 0.3744, 0.4086



40.6029, 0.2298, 0.2983

Complementary

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



40.6029, 0.3353, 0.2802



57.7960, 0.2956, 0.3835

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.



40.6029, 0.2494, 0.3426



40.6029, 0.3353, 0.2802



40.6029, 0.3319, 0.4113

Square

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



40.6029, 0.3353, 0.2802



40.6029, 0.4013, 0.3841



40.6029, 0.2862, 0.3864



40.6029, 0.2304, 0.2673

Rectangle

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



40.6029, 0.3353, 0.2802



40.6029, 0.3980, 0.3363



40.6029, 0.2862, 0.3864



40.6029, 0.2341, 0.3121

Sweetspot

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



40.6047, 0.3353, 0.2802



85.7301, 0.3187, 0.3143



36.1594, 0.2792, 0.2491



17.8907, 0.3197, 0.3118



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.



40.6047, 0.3353, 0.2802



53.8629, 0.3418, 0.2692



39.3759, 0.3658, 0.3164



12.5578, 0.3189, 0.3137



9.8310, 0.4289, 0.2136



0.6082, 0.4056, 0.2008

Inverse Universe

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



40.6047, 0.3353, 0.2802



53.8629, 0.3418, 0.2692



59.1218, 0.2770, 0.3421



12.5578, 0.3189, 0.3137



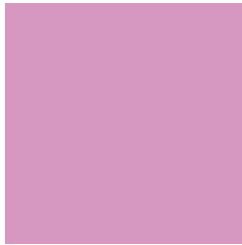
9.8310, 0.4289, 0.2136



0.6082, 0.4056, 0.2008

Previews

White Background



This preview shows how the Yxy color 40.6029, 0.3353, 0.2802 looks on a white background.

Color Contrast Check

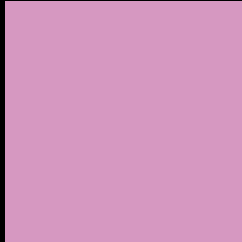
Large Text (above 18pt) WCAG AA × Fail

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 40.6029, 0.3353, 0.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

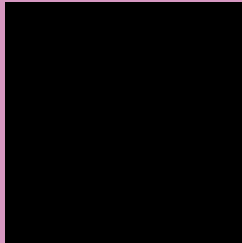
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6029, 0.3353, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 40.6029, 0.3353, 0.2802.



This preview shows how white text looks on a background with the Yxy color 40.6029, 0.3353, 0.2802.

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

40.6029, 0.3353, 0.2802

Protanopia

41.0497, 0.2802, 0.2825

Deuteranopia

40.9388, 0.3043, 0.2987



Tritanopia

40.4530, 0.3560, 0.3143

Trichromacy



Original Color

40.6029, 0.3353, 0.2802

Protanomaly

40.3565, 0.2980, 0.2801

Deuteranomaly

40.8087, 0.3154, 0.2921

Tritanomaly

40.6141, 0.3483, 0.3022

Monochromacy



Original Color

40.6029, 0.3353, 0.2802

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.8336, 0.3200, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6029, 0.3353, 0.2802 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(214, 152, 193)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 152, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 152, 193) }
```

Border

The CSS property to change the border of an element to Yxy 40.6029, 0.3353, 0.2802 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(214, 152, 193) }
```

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

```
.border{ border-color:rgb(214, 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(214, 152, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 152, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 152, 193);  
box-shadow:4px 4px 4px 4px rgb(214, 152,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6029, 0.3353, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 152, 193) }
```

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

```
.background{ background-color: rgb(214,  
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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