

Converting Colors

$Yxy(40.6351, 0.3153, 0.2683)$

Have a look what the booklet for
Yxy(40.6351, 0.3153, 0.2683)
contains.

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Color

Yxy(40.8296, 0.3155, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	CD9BCD
RGB	205, 155, 205
RGB Percent	80%, 61%, 80%
CMY	0.1963, 0.3920, 0.1961
CMYK	0.00, 0.24, 0.00, 0.20
HSL	300°, 33%, 71%
HSV	300°, 24%, 80%
XYZ	47.9053, 40.8296, 63.1044
YIQ	175.6500, 13.7500, 26.1500

Conversions

Conversions Part 2

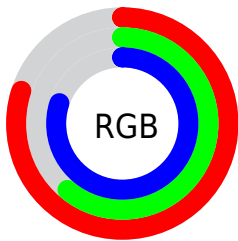
Format	Color
R _{YB}	205, 155, 205
Decimal	13474765
CIE Lab	70.06, 26.98, -18.38
CIE LCh	70, 32.641, 325.739
Yxy	40.8296, 0.3155, 0.2689
Android (android.graphics.Color)	4291664845 (0xFFCD9BCD)
YUV	175.6500, 14.4695, 25.7399
Hunter-Lab	63.8980, 22.0025, -13.8250

Details

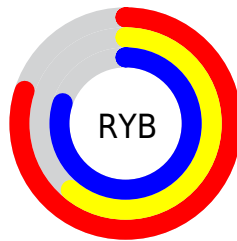
The Yxy color $40.8296, 0.3155, 0.2689$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.9990, 0.3095, 0.3974$, and the grayscale version is $43.1419, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.5732, 0.3148, 0.2851$, and $18.4189, 0.3150, 0.2521$ is the 20% darker color. If you saturate the color by 10%, you get $34.5740, 0.3166, 0.2445$, and if you desaturate by 10%, it is $48.2471, 0.3143, 0.2938$.

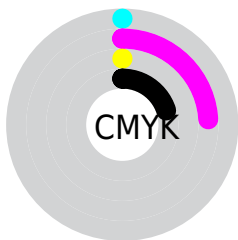
Distribution



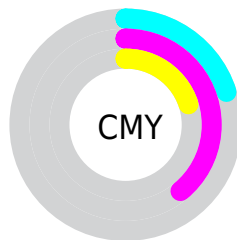
- Red (80%)
- Green (61%)
- Blue (80%)



- Red (80%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8296, 0.3155, 0.2689 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 40.8296, 0.3155, 0.2689 by changing the saturation by 10% instead.


 40.8296, 0.3155,
0.2689

 40.8296, 0.3155,
0.2689


349.6079, 0.3147,
0.2981

 28.1860, 0.3155,
0.2619


 76.4252, 0.3153,
0.2793

 18.4659, 0.3155,
0.2530


 100.1459, 0.3152,
0.2833

 11.2850, 0.3153,
0.2415


128.3277, 0.3151,
0.2867

 6.2589, 0.3147,
0.2259

161.3551, 0.3150,
0.2896

 3.0031, 0.3133,
0.2039

199.6124, 0.3149,
0.2921

 1.1334, 0.3094,
0.1707

243.4841, 0.3148,

 0.0062, 0.3321,

0.2944

0.0031

293.3544, 0.3147,
0.2964

0.0000, 0.0000,
0.0000

40.8296, 0.3155,
0.2689

40.8296, 0.3155,
0.2689

34.5740, 0.3166,
0.2445

48.2471, 0.3143,
0.2938

29.4163, 0.3177,
0.2215

56.8753, 0.3132,
0.3185

25.2949, 0.3186,
0.2008


66.7670, 0.3121,
0.3423


22.1396, 0.3194,
0.1835


77.9701, 0.3111,
0.3648


19.8718, 0.3200,
0.1700


88.9101, 0.3102,
0.3833


 18.4005, 0.3204,
0.1608


 88.9123, 0.3102,
0.3832

 17.6151, 0.3207,
0.1557

 88.9145, 0.3102,
0.3832

 17.3620, 0.3207,
0.1540

 88.9168, 0.3102,
0.3832

 88.9190, 0.3102,
0.3832

Harmonies

Analogous

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



40.8296, 0.2702, 0.2540



40.8296, 0.3155, 0.2689



40.8296, 0.3634, 0.2971

Triad

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



40.8296, 0.3155, 0.2689



40.8296, 0.3897, 0.4021



40.8296, 0.2338, 0.3151

Complementary

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



40.8296, 0.3155, 0.2689



52.9990, 0.3095, 0.3974

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.



40.8296, 0.2616, 0.3626



40.8296, 0.3155, 0.2689



40.8296, 0.3513, 0.4155

Square

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



40.8296, 0.3155, 0.2689



40.8296, 0.4077, 0.3710



40.8296, 0.3043, 0.4016



40.8296, 0.2259, 0.2767

Rectangle

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



40.8296, 0.3155, 0.2689



40.8296, 0.3890, 0.3207



40.8296, 0.3043, 0.4016



40.8296, 0.2410, 0.3306

Sweetspot

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



40.8314, 0.3155, 0.2689



89.1327, 0.3135, 0.3118



35.1093, 0.2714, 0.2618



18.8879, 0.3136, 0.3103



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.



40.8314, 0.3155, 0.2689



61.5373, 0.3161, 0.2566



39.7594, 0.3377, 0.2969



11.4033, 0.3138, 0.3062



10.8103, 0.3207, 0.1541



0.5578, 0.3208, 0.1541

Inverse Universe

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



38.7986, 0.3632, 0.3291



57.6687, 0.3774, 0.3291



53.8894, 0.2935, 0.3635



11.2138, 0.3290, 0.3290



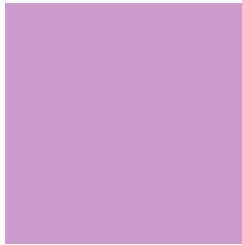
8.0803, 0.6400, 0.3299



0.4169, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 40.8296, 0.3155, 0.2689 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 40.8296, 0.3155, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

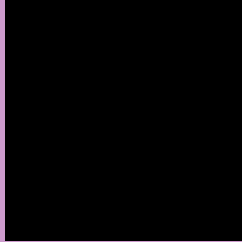
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8296, 0.3155, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 40.8296, 0.3155, 0.2689.



This preview shows how white text looks on a background with the Yxy color 40.8296, 0.3155, 0.2689.

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

40.8296, 0.3155, 0.2689

Protanopia

41.1293, 0.2701, 0.2700

Deuteranopia

40.8335, 0.2888, 0.2819



Tritanopia

40.9244, 0.3403, 0.3138

Trichromacy



Original Color

40.8296, 0.3155, 0.2689

Protanomaly

40.8435, 0.2852, 0.2701

Deuteranomaly

40.8683, 0.2982, 0.2769

Tritanomaly

40.8556, 0.3304, 0.2966

Monochromacy



Original Color

40.8296, 0.3155, 0.2689

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.1579, 0.3139, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8296, 0.3155, 0.2689 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(205, 155, 205)` looks like.

```
.text, #text, p{  
    color:rgb(205, 155, 205)  
}
```

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(205, 155, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 155, 205) }
```

Border

The CSS property to change the border of an element to Yxy 40.8296, 0.3155, 0.2689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

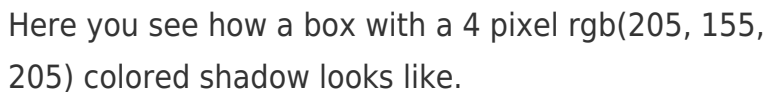
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 155, 205) }
```

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

```
.border{ border-color:rgb(205, 155, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 155, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 155, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 155, 205); box-shadow:4px 4px 4px 4px rgb(205, 155, 205) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8296, 0.3155, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 155, 205) }
```

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

```
.background{ background-color: rgb(205,  
155, 205) }
```

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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