

Converting Colors

$Yxy(40.7324, 0.3288, 0.3076)$

Have a look what the booklet for
Yxy(40.7324, 0.3288, 0.3076)
contains.

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Color

Yxy(40.6974, 0.3289, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	C3A2B3
RGB	195, 162, 179
RGB Percent	76%, 64%, 70%
CMY	0.2351, 0.3648, 0.2980
CMYK	0.00, 0.17, 0.08, 0.24
HSL	329°, 22%, 70%
HSV	329°, 17%, 76%
XYZ	43.5722, 40.6974, 48.2089
YIQ	173.8050, 14.2110, 12.2830

Conversions

Conversions Part 2

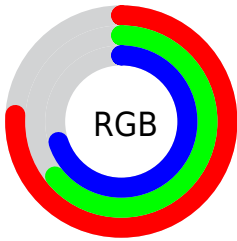
Format	Color
R _Y B	195, 162, 179
Decimal	12821171
CIE Lab	69.96, 15.00, -4.22
CIE LCh	70, 15.583, 344.278
Yxy	40.6974, 0.3289, 0.3072
Android (android.graphics.Color)	4291011251 (0xFFC3A2B3)
YUV	173.8050, 2.5611, 18.5880
Hunter-Lab	63.7945, 10.2766, -0.1488

Details

The Yxy color $40.6974, 0.3289, 0.3072$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.9475, 0.2991, 0.3519$, and the grayscale version is $42.2063, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.3193, 0.3258, 0.3110$, and $18.3209, 0.3340, 0.3011$ is the 20% darker color. If you saturate the color by 10%, you get $33.9830, 0.3411, 0.2936$, and if you desaturate by 10%, it is $48.5075, 0.3187, 0.3203$.

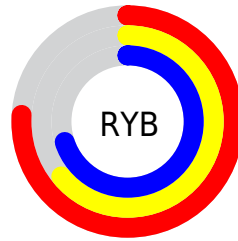
Distribution



Red (76%)

Green (64%)

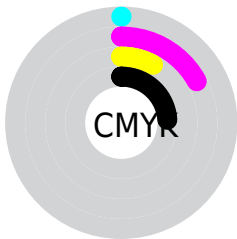
Blue (70%)



Red (76%)

Yellow (64%)

Blue (70%)

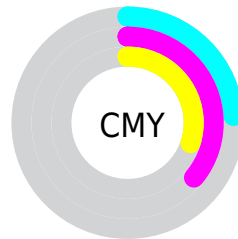


Cyan (0%)

Magenta (17%)

Yellow (8%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6974, 0.3289, 0.3072 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 40.6974, 0.3289, 0.3072 by changing the saturation by 10% instead.


 40.6974, 0.3289,
0.3072

 40.6974, 0.3289,
0.3072


349.0543, 0.3207,
0.3182

 28.0827, 0.3310,
0.3044


 76.2243, 0.3259,
0.3112

 18.3880, 0.3337,
0.3009


 99.9054, 0.3248,
0.3127

 11.2289, 0.3373,
0.2961


128.0440, 0.3238,
0.3140

 6.2210, 0.3424,
0.2894

161.0245, 0.3230,
0.3151

 2.9799, 0.3502,
0.2793

199.2314, 0.3223,
0.3160

 1.1213, 0.3635,
0.2623

243.0491, 0.3217,

 0.0000, 0.5548,

0.3168


0.0000


292.8619, 0.3212,
0.3175


 0.0000, 0.0000,
0.0000


 40.6974, 0.3289,
0.3072


 40.6974, 0.3289,
0.3072

 33.9830, 0.3411,
0.2936


 48.5075, 0.3187,
0.3203

 28.3093, 0.3555,
0.2800


 57.4541, 0.3103,
0.3327


 23.6249, 0.3724,
0.2669

 67.5827, 0.3033,
0.3442

 19.8715, 0.3918,
0.2552

 78.9347, 0.2976,
0.3549

 16.9849, 0.4134,
0.2462

 88.6376, 0.2927,
0.3600

■ 14.8926, 0.4365,
0.2409

■ 89.1727, 0.2877,
0.3496

■ 13.5100, 0.4603,
0.2406

■ 89.7369, 0.2828,
0.3393

■ 12.7228, 0.4834,
0.2456

■ 90.3307, 0.2780,
0.3292

■ 12.5365, 0.4904,
0.2475

■ 90.3486, 0.2779,
0.3289

Harmonies

Analogous

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



40.6974, 0.3058, 0.2950



40.6974, 0.3289, 0.3072



40.6974, 0.3481, 0.3249

Triad

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



40.6974, 0.3289, 0.3072



40.6974, 0.3399, 0.3690



40.6974, 0.2698, 0.3112

Complementary

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



40.6974, 0.3289, 0.3072



49.9475, 0.2991, 0.3519

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.



40.6974, 0.2783, 0.3317



40.6974, 0.3289, 0.3072



40.6974, 0.3184, 0.3663

Square

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



40.6974, 0.3289, 0.3072



40.6974, 0.3545, 0.3605



40.6974, 0.2959, 0.3524



40.6974, 0.2723, 0.2965

Rectangle

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



40.6974, 0.3289, 0.3072



40.6974, 0.3558, 0.3379



40.6974, 0.2959, 0.3524



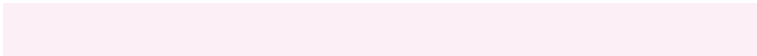
40.6974, 0.2715, 0.3176

Sweetspot

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



40.6992, 0.3289, 0.3072



89.6720, 0.3170, 0.3227



39.2390, 0.2993, 0.2855



19.3973, 0.3177, 0.3218



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.



40.6992, 0.3289, 0.3072



68.6005, 0.3327, 0.3027



40.0721, 0.3442, 0.3284



10.1625, 0.3210, 0.3172



8.1606, 0.4875, 0.2459



0.3665, 0.4406, 0.2201

Inverse Universe

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



40.6992, 0.3289, 0.3072



68.6005, 0.3327, 0.3027



50.6494, 0.2878, 0.3297



10.1625, 0.3210, 0.3172



8.1606, 0.4875, 0.2459



0.3665, 0.4406, 0.2201

Previews

White Background



This preview shows how the Yxy color 40.6974, 0.3289, 0.3072 looks on a white background.

Color Contrast Check

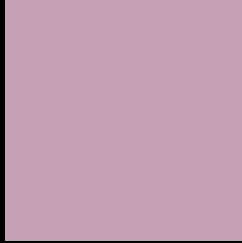
Large Text (above 18pt) WCAG AA × Fail

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 40.6974, 0.3289, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

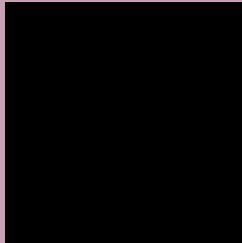
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6974, 0.3289, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 40.6974, 0.3289, 0.3072.



This preview shows how white text looks on a background with the Yxy color 40.6974, 0.3289, 0.3072.

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

40.6974, 0.3289, 0.3072

Protanopia

40.8681, 0.3021, 0.3100

Deuteranopia

40.8011, 0.3199, 0.3132



Tritanopia

40.8916, 0.3324, 0.3136

Trichromacy



Original Color

40.6974, 0.3289, 0.3072

Protanomaly

40.7181, 0.3118, 0.3090

Deuteranomaly

40.9434, 0.3237, 0.3121

Tritanomaly

40.9311, 0.3315, 0.3123

Monochromacy



Original Color

40.6974, 0.3289, 0.3072

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8291, 0.3185, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6974, 0.3289, 0.3072 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(195, 162, 179)` looks like.

```
.text, #text, p{  
    color:rgb(195, 162, 179)  
}
```

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(195, 162, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 162, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.6974, 0.3289, 0.3072 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(195, 162, 179) }
```

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

```
.border{ border-color:rgb(195, 162, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 162, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 162, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 162, 179); box-shadow:4px 4px 4px 4px rgb(195, 162, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6974, 0.3289, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 162, 179) }
```

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

```
.background{ background-color: rgb(195,  
162, 179) }
```

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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