

Converting Colors

$Y_{xy}(40.4350, 0.3670, 0.3254)$

Have a look what the booklet for
Yxy(40.4350, 0.3670, 0.3254)
contains.

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Color

Yxy(40.4263, 0.3670, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	D59C9F
RGB	213, 156, 159
RGB Percent	84%, 61%, 62%
CMY	0.1648, 0.3882, 0.3766
CMYK	0.00, 0.27, 0.25, 0.16
HSL	357°, 40%, 72%
HSV	357°, 27%, 84%
XYZ	45.5805, 40.4263, 38.1907
YIQ	173.3850, 33.0090, 13.0170

Conversions

Conversions Part 2

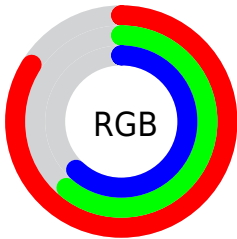
Format	Color
R _Y B	213, 156, 159
Decimal	13999263
CIE Lab	69.77, 21.66, 6.84
CIE LCh	70, 22.712, 17.517
Yxy	40.4263, 0.3670, 0.3255
Android (android.graphics.Color)	4292189343 (0xFFD59C9F)
YUV	173.3850, -7.0918, 34.7424
Hunter-Lab	63.5817, 16.6953, 8.8943

Details

The Yxy color **40.4263, 0.3670, 0.3255** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.3010, 0.2756, 0.3326**, and the grayscale version is **42.0202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7036, 0.3438, 0.3260**, and **18.1514, 0.3832, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **33.2506, 0.3968, 0.3242**, and if you desaturate by 10%, it is **48.9735, 0.3429, 0.3269**.

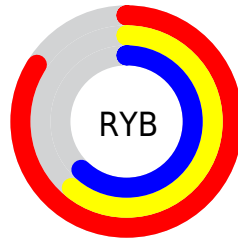
Distribution



Red (84%)

Green (61%)

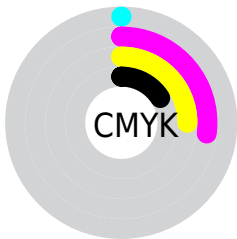
Blue (62%)



Red (84%)

Yellow (61%)

Blue (62%)

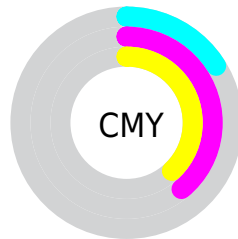


Cyan (0%)

Magenta (27%)

Yellow (25%)

Black (16%)



Cyan (16%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4263, 0.3670, 0.3255 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 40.4263, 0.3670, 0.3255 by changing the saturation by 10% instead.

 40.4263, 0.3670,
0.3255


 40.4263, 0.3670,
0.3255


347.9171, 0.3390,
0.3277

 27.8711, 0.3743,
0.3248


 75.8122, 0.3566,
0.3264

 18.2285, 0.3838,
0.3237


 99.4117, 0.3528,
0.3268

 11.1142, 0.3967,
0.3222


127.4615, 0.3496,
0.3270

 6.1437, 0.4152,
0.3196

160.3458, 0.3468,
0.3272

 2.9326, 0.4440,
0.3149

198.4491, 0.3445,
0.3274

 1.0967, 0.4975,
0.3067

242.1558, 0.3424,


 0.0000, 1.0000,


0.3275

0.0000


291.8504, 0.3406,
0.3276

 0.0000, 0.0000,
0.0000


 40.4263, 0.3670,
0.3255


 40.4263, 0.3670,
0.3255


 33.2506, 0.3968,
0.3242


 48.9735, 0.3429,
0.3269


 27.3697, 0.4330,
0.3230


 58.9523, 0.3235,
0.3282

 22.7082, 0.4753,
0.3222

 70.4262, 0.3080,
0.3294

 19.1804, 0.5215,
0.3221

 83.4532, 0.2956,
0.3305

 16.6896, 0.5672,
0.3229

 92.8828, 0.2877,
0.3289

■ 15.1232, 0.6055,
0.3247

■ 14.3358, 0.6302,
0.3272

■ 14.1671, 0.6355,
0.3274

Harmonies

Analogous

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



40.4263, 0.3396, 0.3000



40.4263, 0.3670, 0.3255



40.4263, 0.3790, 0.3530

Triad

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



40.4263, 0.3670, 0.3255



40.4263, 0.3168, 0.3830



40.4263, 0.2559, 0.2802

Complementary

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



40.4263, 0.3670, 0.3255



59.3010, 0.2756, 0.3326

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.



40.4263, 0.2507, 0.2995



40.4263, 0.3670, 0.3255



40.4263, 0.2847, 0.3606

Square

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



40.4263, 0.3670, 0.3255



40.4263, 0.3489, 0.3882



40.4263, 0.2609, 0.3290



40.4263, 0.2755, 0.2744

Rectangle

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



40.4263, 0.3670, 0.3255



40.4263, 0.3764, 0.3694



40.4263, 0.2609, 0.3290



40.4263, 0.2524, 0.2852

Sweetspot

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



40.4282, 0.3670, 0.3255



86.4842, 0.3259, 0.3280



42.1676, 0.3124, 0.2622



18.0024, 0.3286, 0.3278



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.



40.4282, 0.3670, 0.3255



54.5007, 0.3829, 0.3247



49.4698, 0.3623, 0.3591



12.4312, 0.3283, 0.3278



8.6605, 0.6341, 0.3267



0.5261, 0.6158, 0.3166

Inverse Universe

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



40.4282, 0.3670, 0.3255



54.5007, 0.3829, 0.3247



47.9653, 0.2708, 0.2968



12.4312, 0.3283, 0.3278



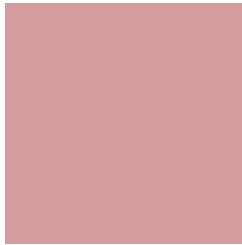
8.6605, 0.6341, 0.3267



0.5261, 0.6158, 0.3166

Previews

White Background



This preview shows how the Yxy color 40.4263, 0.3670, 0.3255 looks on a white background.

Color Contrast Check

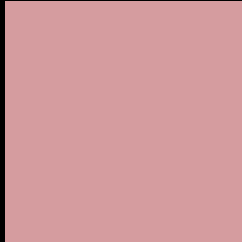
Large Text (above 18pt) WCAG AA × Fail

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 40.4263, 0.3670, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

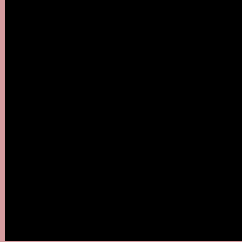
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4263, 0.3670, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 40.4263, 0.3670, 0.3255.



This preview shows how white text looks on a background with the Yxy color 40.4263, 0.3670, 0.3255.

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

40.4263, 0.3670, 0.3255

Protanopia

40.6534, 0.3198, 0.3331

Deuteranopia

40.5511, 0.3458, 0.3397



Tritanopia

40.5289, 0.3602, 0.3144

Trichromacy



Original Color

40.4263, 0.3670, 0.3255

Protanomaly

40.4094, 0.3364, 0.3304

Deuteranomaly

40.5886, 0.3534, 0.3343

Tritanomaly

40.4192, 0.3632, 0.3181

Monochromacy



Original Color

40.4263, 0.3670, 0.3255

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1560, 0.3315, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4263, 0.3670, 0.3255 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(213, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(213, 156, 159)  
}
```

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(213, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 156, 159) }
```

Border

The CSS property to change the border of an element to Yxy 40.4263, 0.3670, 0.3255 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(213, 156, 159) }
```

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

```
.border{ border-color:rgb(213, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(213, 156,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4263, 0.3670, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 156, 159) }
```

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

```
.background{ background-color: rgb(213,  
156, 159) }
```

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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