

Converting Colors

$Y_{xy}(40.7495, 0.3630, 0.3274)$

Have a look what the booklet for
Yxy(40.7495, 0.3630, 0.3274)
contains.

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Color

Yxy(40.6934, 0.3624, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D29EA0
RGB	210, 158, 160
RGB Percent	82%, 62%, 63%
CMY	0.1766, 0.3803, 0.3726
CMYK	0.00, 0.25, 0.24, 0.18
HSL	358°, 37%, 72%
HSV	358°, 25%, 82%
XYZ	45.1402, 40.6934, 38.7254
YIQ	173.7760, 30.3500, 11.6460

Conversions

Conversions Part 2

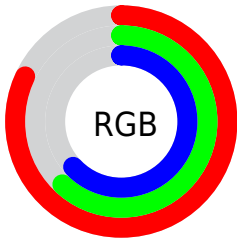
Format	Color
R_{YB}	210, 158, 160
Decimal	13803168
CIE _{Lab}	69.96, 19.58, 6.51
CIE _{LCh}	70, 20.635, 18.379
Yxy	40.6934, 0.3624, 0.3267
Android (android.graphics.Color)	4291993248 (0xFFD29EA0)
YUV	173.7760, -6.7916, 31.7684
Hunter-Lab	63.7914, 14.6755, 8.6612

Details

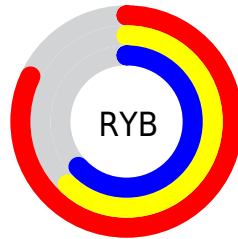
The Yxy color $40.6934, 0.3624, 0.3267$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $57.8980, 0.2777, 0.3314$, and the grayscale version is $42.2298, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.7548, 0.3428, 0.3271$, and $18.3808, 0.3780, 0.3242$ is the 20% darker color. If you saturate the color by 10%, you get $33.4821, 0.3914, 0.3258$, and if you desaturate by 10%, it is $49.2470, 0.3390, 0.3277$.

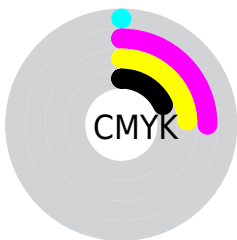
Distribution



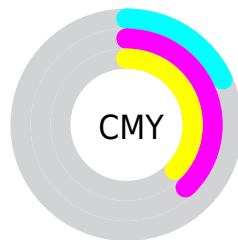
- Red (82%)
- Green (62%)
- Blue (63%)



- Red (82%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6934, 0.3624, 0.3267 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 40.6934, 0.3624, 0.3267 by changing the saturation by 10% instead.

 40.6934, 0.3624,
0.3267


 40.6934, 0.3624,
0.3267


349.0376, 0.3368,
0.3283

 28.0796, 0.3690,
0.3262


 76.2182, 0.3529,
0.3274

 18.3857, 0.3777,
0.3254


 99.8981, 0.3494,
0.3276

 11.2272, 0.3895,
0.3242


128.0354, 0.3465,
0.3278

 6.2199, 0.4064,
0.3223

161.0145, 0.3440,
0.3279

 2.9792, 0.4327,
0.3186

199.2199, 0.3418,
0.3280

 1.1209, 0.4808,
0.3118

243.0360, 0.3399,

 0.0000, 1.0000,

0.3281

0.0000

292.8470, 0.3383,
0.3282

0.0000, 0.0000,
0.0000

40.6934, 0.3624,
0.3267

40.6934, 0.3624,
0.3267

33.4821, 0.3914,
0.3258

49.2470, 0.3390,
0.3277

27.5398, 0.4268,
0.3249

59.2003, 0.3202,
0.3286

22.7947, 0.4685,
0.3243

70.6139, 0.3052,
0.3294

19.1656, 0.5148,
0.3242

83.5436, 0.2932,
0.3302

16.5613, 0.5612,
0.3247

92.4354, 0.2860,
0.3289

■ 14.8761, 0.6013,
0.3259

■ 13.9816, 0.6282,
0.3277

■ 13.7128, 0.6367,
0.3281

Harmonies

Analogous

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



40.6934, 0.3380, 0.3032



40.6934, 0.3624, 0.3267



40.6934, 0.3728, 0.3518

Triad

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



40.6934, 0.3624, 0.3267



40.6934, 0.3157, 0.3773



40.6934, 0.2613, 0.2844

Complementary

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



40.6934, 0.3624, 0.3267



57.8980, 0.2777, 0.3314

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.



40.6934, 0.2561, 0.3017



40.6934, 0.3624, 0.3267



40.6934, 0.2866, 0.3568

Square

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



40.6934, 0.3624, 0.3267



40.6934, 0.3449, 0.3827



40.6934, 0.2651, 0.3283



40.6934, 0.2796, 0.2792

Rectangle

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



40.6934, 0.3624, 0.3267



40.6934, 0.3702, 0.3665



40.6934, 0.2651, 0.3283



40.6934, 0.2580, 0.2889

Sweetspot

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



40.6953, 0.3624, 0.3267



88.0779, 0.3243, 0.3284



42.4309, 0.3132, 0.2675



18.6436, 0.3253, 0.3283



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.



40.6953, 0.3624, 0.3267



56.6522, 0.3779, 0.3262



49.3735, 0.3576, 0.3578



11.8154, 0.3285, 0.3282



8.3717, 0.6356, 0.3275



0.4707, 0.6214, 0.3197

Inverse Universe

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



40.6953, 0.3624, 0.3267



56.6522, 0.3779, 0.3262



47.2888, 0.2739, 0.2984



11.8154, 0.3285, 0.3282



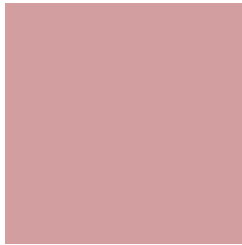
8.3717, 0.6356, 0.3275



0.4707, 0.6214, 0.3197

Previews

White Background



This preview shows how the Yxy color 40.6934, 0.3624, 0.3267 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 40.6934, 0.3624, 0.3267 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 40.6934, 0.3624, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 40.6934, 0.3624, 0.3267.



This preview shows how white text looks on a background with the Yxy color 40.6934, 0.3624, 0.3267.

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

40.6934, 0.3624, 0.3267

Protanopia

41.0298, 0.3197, 0.3345

Deuteranopia

40.7509, 0.3449, 0.3370



Tritanopia

40.8274, 0.3548, 0.3143

Trichromacy



Original Color

40.6934, 0.3624, 0.3267

Protanomaly

40.6441, 0.3353, 0.3317

Deuteranomaly

40.4860, 0.3515, 0.3330

Tritanomaly

40.7160, 0.3577, 0.3180

Monochromacy



Original Color

40.6934, 0.3624, 0.3267

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4346, 0.3295, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6934, 0.3624, 0.3267 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(210, 158, 160)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 160)  
}
```

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(210, 158, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.6934, 0.3624, 0.3267 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(210, 158, 160) }
```

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

```
.border{ border-color:rgb(210, 158, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 160);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6934, 0.3624, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 160) }
```

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

```
.background{ background-color: rgb(210,  
158, 160) }
```

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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