

Converting Colors

$Y_{xy}(40.2174, 0.3422, 0.3226)$

Have a look what the booklet for
Yxy(40.2174, 0.3422, 0.3226)
contains.

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Color

Yxy(40.1132, 0.3430, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	C5A1A6
RGB	197, 161, 166
RGB Percent	77%, 63%, 65%
CMY	0.2276, 0.3686, 0.3489
CMYK	0.00, 0.18, 0.16, 0.23
HSL	352°, 24%, 70%
HSV	352°, 18%, 77%
XYZ	42.6498, 40.1132, 41.5805
YIQ	172.3340, 19.8510, 9.1870

Conversions

Conversions Part 2

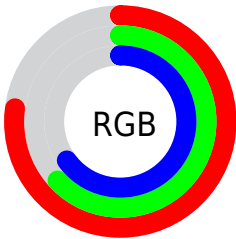
Format	Color
R_{YB}	197, 161, 166
Decimal	12951974
CIE _{Lab}	69.55, 14.04, 2.40
CIE _{LCh}	70, 14.245, 9.692
Yxy	40.1132, 0.3430, 0.3226
Android (android.graphics.Color)	4291142054 (0xFFC5A1A6)
YUV	172.3340, -3.1227, 21.6321
Hunter-Lab	63.3350, 9.3658, 5.4096

Details

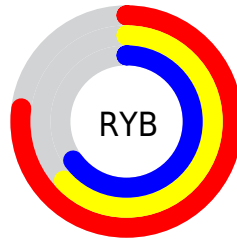
The Yxy color $40.1132, 0.3430, 0.3226$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $51.3030, 0.2889, 0.3355$, and the grayscale version is $41.4419, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4030, 0.3372, 0.3240$, and $17.9918, 0.3531, 0.3203$ is the 20% darker color. If you saturate the color by 10%, you get $33.1818, 0.3654, 0.3189$, and if you desaturate by 10%, it is $48.2147, 0.3249, 0.3262$.

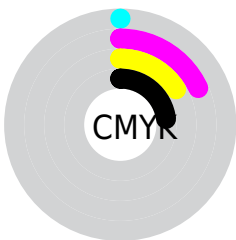
Distribution



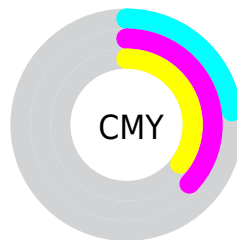
- Red (77%)
- Green (63%)
- Blue (65%)



- Red (77%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (23%)





- Cyan (23%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1132, 0.3430, 0.3226 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 40.1132, 0.3430, 0.3226 by changing the saturation by 10% instead.

 40.1132, 0.3430,
0.3226


 40.1132, 0.3430,
0.3226


346.6005, 0.3274,
0.3260

 27.6268, 0.3470,
0.3217


 75.3359, 0.3372,
0.3239

 18.0445, 0.3523,
0.3205


 98.8409, 0.3351,
0.3243

 10.9820, 0.3595,
0.3188


126.7877, 0.3333,
0.3247

 6.0547, 0.3699,
0.3163

159.5605, 0.3318,
0.3251

 2.8784, 0.3861,
0.3123

197.5438, 0.3305,
0.3253

 1.0686, 0.4150,
0.3046

241.1220, 0.3293,

 0.0000, 1.0000,

0.3256

0.0000

290.6794, 0.3283,
0.3258

0.0000, 0.0000,
0.0000

40.1132, 0.3430,
0.3226

40.1132, 0.3430,
0.3226

33.1818, 0.3654,
0.3189

48.2147, 0.3249,
0.3262

27.3613, 0.3928,
0.3152

57.5313, 0.3104,
0.3296

22.5954, 0.4260,
0.3118

68.1121, 0.2986,
0.3327

18.8208, 0.4646,
0.3094

80.0019, 0.2891,
0.3355

15.9673, 0.5074,
0.3085

90.3387, 0.2810,
0.3333

■ 13.9556, 0.5508,
0.3098

■ 90.6067, 0.2789,
0.3289

■ 12.6927, 0.5894,
0.3137

■ 12.0370, 0.6182,
0.3194

■ 11.9478, 0.6223,
0.3202

Harmonies

Analogous

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



40.1132, 0.3244, 0.3068



40.1132, 0.3430, 0.3226



40.1132, 0.3533, 0.3404

Triad

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



40.1132, 0.3430, 0.3226



40.1132, 0.3212, 0.3642



40.1132, 0.2745, 0.3007

Complementary

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



40.1132, 0.3430, 0.3226



51.3030, 0.2889, 0.3355

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.



40.1132, 0.2738, 0.3153



40.1132, 0.3430, 0.3226



40.1132, 0.3003, 0.3529

Square

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



40.1132, 0.3430, 0.3226



40.1132, 0.3403, 0.3652



40.1132, 0.2830, 0.3346



40.1132, 0.2851, 0.2942

Rectangle

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



40.1132, 0.3430, 0.3226



40.1132, 0.3539, 0.3514



40.1132, 0.2830, 0.3346



40.1132, 0.2731, 0.3048

Sweetspot

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



40.1150, 0.3430, 0.3226



91.4464, 0.3200, 0.3273



40.6760, 0.3099, 0.2836



19.3258, 0.3211, 0.3271



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.



40.1150, 0.3430, 0.3226



66.5517, 0.3516, 0.3211



44.5578, 0.3449, 0.3453



10.6606, 0.3268, 0.3258



7.8684, 0.6200, 0.3189



0.3806, 0.5717, 0.2923

Inverse Universe

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



40.1150, 0.3430, 0.3226



66.5517, 0.3516, 0.3211



46.0505, 0.2847, 0.3121



10.6606, 0.3268, 0.3258



7.8684, 0.6200, 0.3189



0.3806, 0.5717, 0.2923

Previews

White Background



This preview shows how the Yxy color 40.1132, 0.3430, 0.3226 looks on a white background.

Color Contrast Check

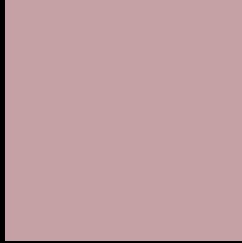
Large Text (above 18pt) WCAG AA × Fail

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 40.1132, 0.3430, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

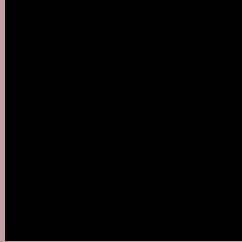
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1132, 0.3430, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 40.1132, 0.3430, 0.3226.



This preview shows how white text looks on a background with the Yxy color 40.1132, 0.3430, 0.3226.

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

40.1132, 0.3430, 0.3226

Protanopia

40.2004, 0.3147, 0.3263

Deuteranopia

39.9589, 0.3347, 0.3277



Tritanopia

40.1259, 0.3385, 0.3137

Trichromacy



Original Color

40.1132, 0.3430, 0.3226

Protanomaly

40.0821, 0.3251, 0.3250

Deuteranomaly

39.9874, 0.3378, 0.3264

Tritanomaly

40.0497, 0.3404, 0.3162

Monochromacy



Original Color

40.1132, 0.3430, 0.3226

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7313, 0.3230, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1132, 0.3430, 0.3226 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(197, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(197, 161, 166)  
}
```

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(197, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 161, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.1132, 0.3430, 0.3226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

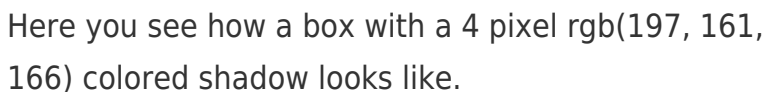
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 161, 166) }
```

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

```
.border{ border-color:rgb(197, 161, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 161, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 161, 166); box-shadow:4px 4px 4px 4px rgb(197, 161, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1132, 0.3430, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 161, 166) }
```

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

```
.background{ background-color: rgb(197,  
161, 166) }
```

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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