

Converting Colors

Yxy(55.0313, 0.3118, 0.3093)

Have a look what the booklet for
Yxy(55.0313, 0.3118, 0.3093)
contains.

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Color

Yxy(54.9375, 0.3120, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	CEBFD0
RGB	206, 191, 208
RGB Percent	81%, 75%, 82%
CMY	0.1924, 0.2509, 0.1844
CMYK	0.01, 0.08, 0.00, 0.18
HSL	293°, 15%, 78%
HSV	293°, 8%, 82%
XYZ	55.4529, 54.9375, 67.3433
YIQ	197.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

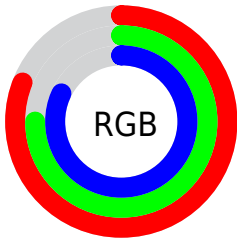
Format	Color
R_{YB}	206, 191, 208
Decimal	13549520
CIE _{Lab}	79.01, 8.29, -6.60
CIE _{LCh}	79, 10.598, 321.481
Yxy	54.9375, 0.3120, 0.3091
Android (android.graphics.Color)	4291739600 (0xFFCEBFD0)
YUV	197.4230, 5.2145, 7.5220
Hunter-Lab	74.1198, 3.8355, -1.9854

Details

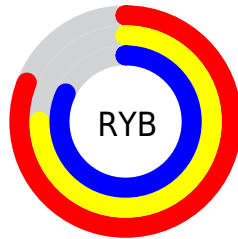
The Yxy color **54.9375, 0.3120, 0.3091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2142, 0.3133, 0.3495**, and the grayscale version is **56.0661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **27.1855, 0.3117, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **46.1443, 0.3109, 0.2838**, and if you desaturate by 10%, it is **65.0294, 0.3129, 0.3334**.

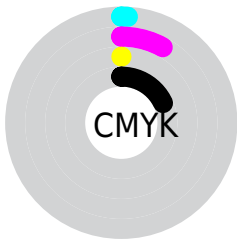
Distribution



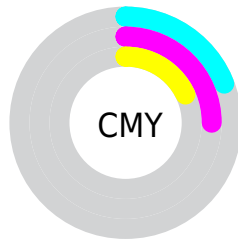
- Red (81%)
- Green (75%)
- Blue (82%)



- Red (81%)
- Yellow (75%)
- Blue (82%)



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9375, 0.3120, 0.3091 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 54.9375, 0.3120, 0.3091 by changing the saturation by 10% instead.


 54.9375, 0.3120,
0.3091

 54.9375, 0.3120,
0.3091


405.6750, 0.3124,
0.3186

 39.3517, 0.3119,
0.3068


 97.4494, 0.3122,
0.3125

 27.0334, 0.3117,
0.3040


125.1442, 0.3122,
0.3138

 17.5983, 0.3115,
0.3003

157.6442, 0.3123,
0.3149

 10.6620, 0.3112,
0.2953

195.3337, 0.3123,
0.3158

 5.8400, 0.3107,
0.2883

238.5972, 0.3123,
0.3167

 2.7481, 0.3098,
0.2776

287.8189, 0.3124,

 1.0017, 0.3078,

0.3174

0.2593

343.3834, 0.3124,
0.3181

■ 0.0000, 0.2225,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9375, 0.3120,
0.3091

■ 54.9375, 0.3120,
0.3091

■ 46.1443, 0.3109,
0.2838

■ 65.0294, 0.3129,
0.3334

■ 38.5886, 0.3094,
0.2581

■ 76.4637, 0.3135,
0.3563

■ 32.2150, 0.3076,
0.2327

■ 89.2909, 0.3138,
0.3776

■ 26.9610, 0.3054,
0.2087

■ 90.6722, 0.3153,
0.3789

■ 22.7584, 0.3029,
0.1869

■ 91.0586, 0.3169,
0.3786

■ 19.5314, 0.3001,
0.1685

■ 91.4510, 0.3185,
0.3784

■ 17.1942, 0.2971,
0.1541

■ 91.8492, 0.3201,
0.3782

■ 15.6460, 0.2940,
0.1441

■ 92.2535, 0.3217,
0.3779

■ 14.7372, 0.2909,
0.1382

■ 92.6636, 0.3233,
0.3777

Harmonies

Analogous

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



54.9375, 0.2985, 0.3053



54.9375, 0.3120, 0.3091



54.9375, 0.3259, 0.3179

Triad

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



54.9375, 0.3120, 0.3091



54.9375, 0.3368, 0.3503



54.9375, 0.2895, 0.3277

Complementary

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



54.9375, 0.3120, 0.3091



60.2142, 0.3133, 0.3495

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.



54.9375, 0.2994, 0.3405



54.9375, 0.3120, 0.3091



54.9375, 0.3267, 0.3537

Square

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



54.9375, 0.3120, 0.3091



54.9375, 0.3405, 0.3414



54.9375, 0.3130, 0.3501



54.9375, 0.2858, 0.3157

Rectangle

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



54.9375, 0.3120, 0.3091



54.9375, 0.3335, 0.3255



54.9375, 0.3130, 0.3501



54.9375, 0.2922, 0.3321

Sweetspot

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



54.9399, 0.3120, 0.3091



96.6722, 0.3126, 0.3241



53.9021, 0.3002, 0.3111



20.7267, 0.3126, 0.3244



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.



54.9399, 0.3120, 0.3091



84.2150, 0.3118, 0.3042



54.9354, 0.3184, 0.3164



11.9334, 0.3119, 0.3060



9.1274, 0.2908, 0.1375



0.5313, 0.2966, 0.1408

Inverse Universe

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



54.5361, 0.3251, 0.3266



83.4353, 0.3284, 0.3260



60.2257, 0.3075, 0.3420



11.8312, 0.3272, 0.3262



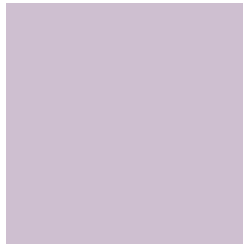
8.4096, 0.6239, 0.3211



0.4781, 0.5847, 0.2995

Previews

White Background



This preview shows how the Yxy color 54.9375, 0.3120, 0.3091 looks on a white background.

Color Contrast Check

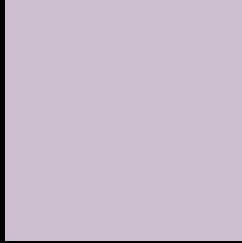
Large Text (above 18pt) WCAG AA × Fail

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 54.9375, 0.3120, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

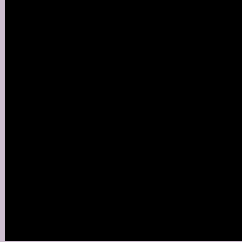
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9375, 0.3120, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 54.9375, 0.3120, 0.3091.



This preview shows how white text looks on a background with the Yxy color 54.9375, 0.3120, 0.3091.

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

54.9375, 0.3120, 0.3091

Protanopia

54.8388, 0.3018, 0.3098

Deuteranopia

54.9363, 0.3145, 0.3080



Tritanopia

54.8396, 0.3135, 0.3114

Trichromacy



Original Color

54.9375, 0.3120, 0.3091

Protanomaly

54.8855, 0.3057, 0.3099

Deuteranomaly

54.7909, 0.3137, 0.3080

Tritanomaly

54.8884, 0.3128, 0.3102

Monochromacy



Original Color

54.9375, 0.3120, 0.3091

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5266, 0.3123, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9375, 0.3120, 0.3091 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(206, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 191, 208)  
}
```

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(206, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 191, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.9375, 0.3120, 0.3091 is called "border". The border property can be set on classes, ids or directly on the HTML element.

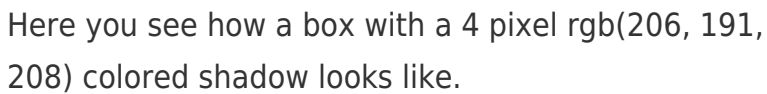
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 191, 208) }
```

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

```
.border{ border-color:rgb(206, 191, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 191,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9375, 0.3120, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 191, 208) }
```

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

```
.background{ background-color: rgb(206,  
191, 208) }
```

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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