

Converting Colors

Yxy(56.8787, 0.3113, 0.3449)

Have a look what the booklet for
Yxy(56.8787, 0.3113, 0.3449)
contains.

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Color

Yxy(56.7340, 0.3120, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	BDCABD
RGB	189, 202, 189
RGB Percent	74%, 79%, 74%
CMY	0.2587, 0.2078, 0.2589
CMYK	0.06, 0.00, 0.06, 0.21
HSL	120°, 11%, 77%
HSV	120°, 6%, 79%
XYZ	51.2924, 56.7340, 56.3723
YIQ	196.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

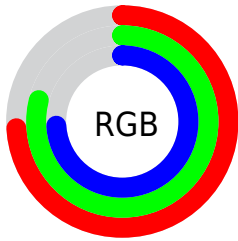
Format	Color
R _{YB}	189, 202, 202
Decimal	12438205
CIE Lab	80.03, -6.85, 4.97
CIE LCh	80, 8.462, 144.002
Yxy	56.7340, 0.3120, 0.3451
Android (android.graphics.Color)	4290628285 (0xFFBDCABD)
YUV	196.6310, -3.7621, -6.6924
Hunter-Lab	75.3220, -10.2594, 8.3517

Details

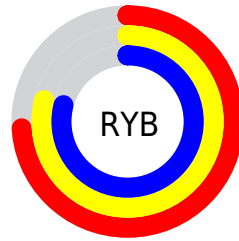
The Yxy color **56.7340, 0.3120, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1957, 0.3134, 0.3134**, and the grayscale version is **55.6272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5250, 0.3123, 0.3388**, and **28.1916, 0.3118, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **53.5220, 0.3108, 0.3729**, and if you desaturate by 10%, it is **60.4300, 0.3131, 0.3208**.

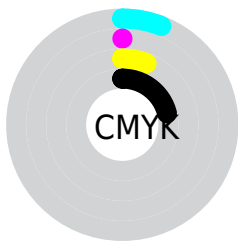
Distribution



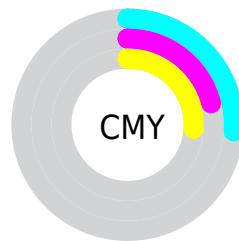
- Red (74%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)




- Cyan (26%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7340, 0.3120, 0.3451 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 56.7340, 0.3120, 0.3451 by changing the saturation by 10% instead.

 56.7340, 0.3120,
0.3451

 56.7340, 0.3120,
0.3451


412.4518, 0.3124,
0.3372

 40.7917, 0.3119,
0.3470


 100.0770, 0.3121,
0.3423

 28.1564, 0.3118,
0.3494


128.2464, 0.3122,
0.3412

 18.4436, 0.3116,
0.3526


161.2604, 0.3122,
0.3403

 11.2689, 0.3113,
0.3570

199.5033, 0.3123,
0.3395

 6.2480, 0.3108,
0.3634

243.3595, 0.3123,
0.3388

 2.9965, 0.3100,
0.3734

293.2134, 0.3123,

 1.1299, 0.3087,

0.3382

0.3923

349.4493, 0.3124,
0.3377

0.0033, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7340, 0.3120,
0.3451

56.7340, 0.3120,
0.3451

53.5220, 0.3108,
0.3729

60.4300, 0.3131,
0.3208

50.7671, 0.3093,
0.4041

64.6213, 0.3140,
0.2997

48.4508, 0.3078,
0.4381

69.3278, 0.3148,
0.2816

46.5504, 0.3062,
0.4737

70.7225, 0.3151,
0.2772

■ 45.0414, 0.3045,
0.5090

■ 43.8964, 0.3030,
0.5415

■ 43.0848, 0.3017,
0.5683

■ 42.5709, 0.3007,
0.5872

■ 42.3093, 0.3002,
0.5974

Harmonies

Analogous

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



56.7340, 0.3229, 0.3484



56.7340, 0.3120, 0.3451



56.7340, 0.3014, 0.3373

Triad

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



56.7340, 0.3120, 0.3451



56.7340, 0.2944, 0.3117



56.7340, 0.3319, 0.3304

Complementary

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



56.7340, 0.3120, 0.3451



53.1957, 0.3134, 0.3134

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.



56.7340, 0.3240, 0.3209



56.7340, 0.3120, 0.3451



56.7340, 0.3023, 0.3103

Square

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



56.7340, 0.3120, 0.3451



56.7340, 0.2913, 0.3178



56.7340, 0.3131, 0.3136



56.7340, 0.3346, 0.3396

Rectangle

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



56.7340, 0.3120, 0.3451



56.7340, 0.2959, 0.3306



56.7340, 0.3131, 0.3136



56.7340, 0.3298, 0.3271

Sweetspot

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



56.7364, 0.3120, 0.3451



98.7251, 0.3125, 0.3339



58.3703, 0.3222, 0.3444



21.1446, 0.3125, 0.3337



0.0000, 0.0000, 0.0000



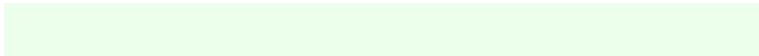
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.7364, 0.3120, 0.3451



95.1027, 0.3118, 0.3495



57.0095, 0.3075, 0.3372



12.5390, 0.3116, 0.3529



27.1858, 0.3001, 0.5999



1.4032, 0.3004, 0.5997

Inverse Universe

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



53.1957, 0.3134, 0.3134



87.6528, 0.3136, 0.3093



52.9103, 0.3183, 0.3209



11.4014, 0.3137, 0.3062



10.7544, 0.3200, 0.1536



0.5555, 0.3202, 0.1537

Previews

White Background



This preview shows how the Yxy color 56.7340, 0.3120, 0.3451 looks on a white background.

Color Contrast Check

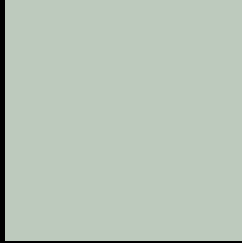
Large Text (above 18pt) WCAG AA × Fail

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 56.7340, 0.3120, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

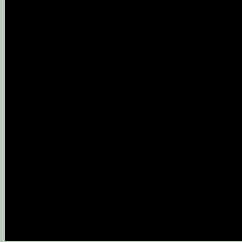
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

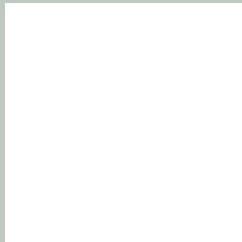
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7340, 0.3120, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 56.7340, 0.3120, 0.3451.



This preview shows how white text looks on a background with the Yxy color 56.7340, 0.3120, 0.3451.

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

56.7340, 0.3120, 0.3451

Protanopia

56.4568, 0.3274, 0.3422

Deuteranopia

56.6765, 0.3366, 0.3302



Tritanopia

56.5807, 0.2975, 0.3099

Trichromacy



Original Color

56.7340, 0.3120, 0.3451

Protanomaly

56.5768, 0.3215, 0.3436

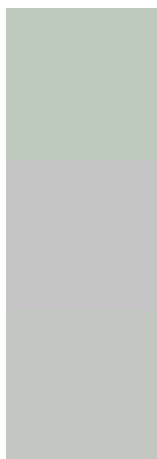
Deuteranomaly

56.7529, 0.3277, 0.3361

Tritanomaly

56.4611, 0.3030, 0.3217

Monochromacy



Original Color

56.7340, 0.3120, 0.3451

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2112, 0.3124, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7340, 0.3120, 0.3451 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(189, 202, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 189)  
}
```

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(189, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.7340, 0.3120, 0.3451 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(189, 202, 189) }
```

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

```
.border{ border-color:rgb(189, 202, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 202, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7340, 0.3120, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 202, 189) }
```

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

```
.background{ background-color: rgb(189,  
202, 189) }
```

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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