

Converting Colors

$Yxy(56.4340, 0.3262, 0.3376)$

Have a look what the booklet for
Yxy(56.4340, 0.3262, 0.3376)
contains.

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Color

Yxy(56.2758, 0.3260, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	CEC4BD
RGB	206, 196, 189
RGB Percent	81%, 77%, 74%
CMY	0.1922, 0.2313, 0.2588
CMYK	0.00, 0.05, 0.08, 0.19
HSL	25°, 15%, 77%
HSV	25°, 8%, 81%
XYZ	54.3744, 56.2758, 56.1424
YIQ	198.1920, 8.2070, -0.0570

Conversions

Conversions Part 2

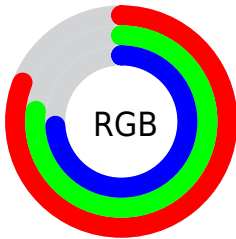
Format	Color
RYB	206, 201, 189
Decimal	13550781
CIELab	79.77, 2.27, 4.75
CIELCh	80, 5.259, 64.469
Yxy	56.2758, 0.3260, 0.3374
Android (android.graphics.Color)	4291740861 (0xFFCEC4BD)
YUV	198.1920, -4.5317, 6.8476
Hunter-Lab	75.0172, -1.8988, 8.1398

Details

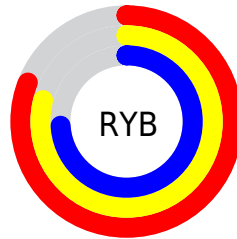
The Yxy color **56.2758, 0.3260, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1078, 0.3001, 0.3205**, and the grayscale version is **56.6189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1031, 0.3186, 0.3367**, and **27.7990, 0.3297, 0.3386** is the 20% darker color. If you saturate the color by 10%, you get **50.2079, 0.3445, 0.3482**, and if you desaturate by 10%, it is **62.9155, 0.3101, 0.3273**.

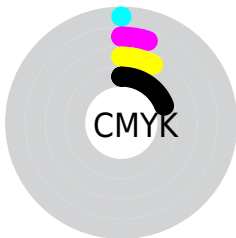
Distribution



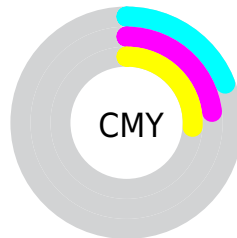
- Red (81%)
- Green (77%)
- Blue (74%)



- Red (81%)
- Yellow (79%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2758, 0.3260, 0.3374 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 56.2758, 0.3260, 0.3374 by changing the saturation by 10% instead.

■ 56.2758, 0.3260,
0.3374

■ 56.2758, 0.3260,
0.3374

410.7301, 0.3196,
0.3334

■ 40.4241, 0.3276,
0.3384

■ 99.4077, 0.3237,
0.3360

■ 27.8694, 0.3295,
0.3396

127.4567, 0.3228,
0.3354

■ 18.2272, 0.3321,
0.3412

160.3402, 0.3221,
0.3350

■ 11.1132, 0.3356,
0.3433

198.4427, 0.3214,
0.3345

■ 6.1430, 0.3406,
0.3463

242.1486, 0.3209,
0.3342

■ 2.9323, 0.3485,
0.3510

291.8421, 0.3204,

■ 1.0965, 0.3631,

0.3339

347.9078, 0.3199,
0.3336

0.3595

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2758, 0.3260,
0.3374

56.2758, 0.3260,
0.3374

50.2079, 0.3445,
0.3482

62.9155, 0.3101,
0.3273

44.6889, 0.3659,
0.3594

70.1345, 0.2964,
0.3179

39.7046, 0.3903,
0.3706

77.9498, 0.2847,
0.3092

35.2379, 0.4178,
0.3813

85.2738, 0.2831,
0.3178

■ 31.2704, 0.4478,
0.3904

■ 91.8587, 0.2838,
0.3289

■ 27.7825, 0.4794,
0.3969

■ 24.7531, 0.5106,
0.3994

■ 22.1586, 0.5392,
0.3969

■ 19.9699, 0.5632,
0.3893

Harmonies

Analogous

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



56.2758, 0.3256, 0.3320



56.2758, 0.3260, 0.3374



56.2758, 0.3228, 0.3406

Triad

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



56.2758, 0.3260, 0.3374



56.2758, 0.3037, 0.3320



56.2758, 0.3085, 0.3177

Complementary

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



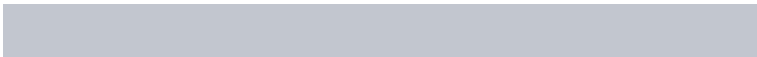
56.2758, 0.3260, 0.3374



56.1078, 0.3001, 0.3205

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.



56.2758, 0.3027, 0.3175



56.2758, 0.3260, 0.3374



56.2758, 0.3000, 0.3258

Square

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



56.2758, 0.3260, 0.3374



56.2758, 0.3099, 0.3375



56.2758, 0.2996, 0.3205



56.2758, 0.3155, 0.3207

Rectangle

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



56.2758, 0.3260, 0.3374



56.2758, 0.3190, 0.3410



56.2758, 0.2996, 0.3205



56.2758, 0.3064, 0.3173

Sweetspot

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



56.2783, 0.3260, 0.3374



97.7801, 0.3158, 0.3310



53.6481, 0.3189, 0.3169



20.9523, 0.3157, 0.3309



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.



56.2783, 0.3260, 0.3374



89.2816, 0.3293, 0.3394



60.1122, 0.3250, 0.3471



11.9618, 0.3280, 0.3386



12.2664, 0.5647, 0.3899



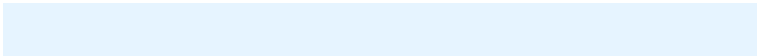
0.7813, 0.5297, 0.4176

Inverse Universe

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



56.1078, 0.3001, 0.3205



88.9464, 0.2972, 0.3184



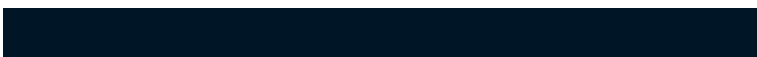
52.4063, 0.3001, 0.3102



11.9202, 0.2983, 0.3192



11.3527, 0.1858, 0.1890



0.7331, 0.1942, 0.2192

Previews

White Background



This preview shows how the Yxy color 56.2758, 0.3260, 0.3374 looks on a white background.

Color Contrast Check

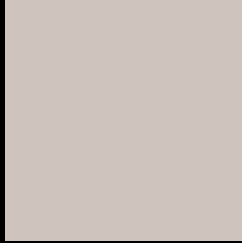
Large Text (above 18pt) WCAG AA × Fail

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 56.2758, 0.3260, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

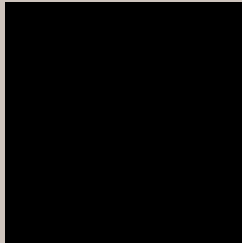
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

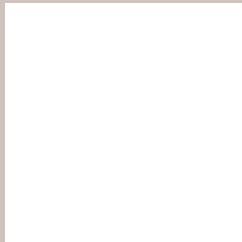
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2758, 0.3260, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 56.2758, 0.3260, 0.3374.

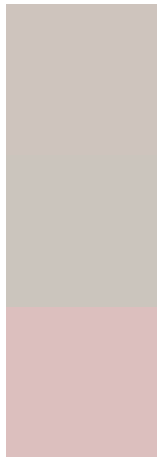


This preview shows how white text looks on a background with the Yxy color 56.2758, 0.3260, 0.3374.

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

56.2758, 0.3260, 0.3374

Protanopia

56.3031, 0.3235, 0.3386

Deuteranopia

56.1950, 0.3375, 0.3302



Tritanopia

56.2493, 0.3143, 0.3116

Trichromacy



Original Color

56.2758, 0.3260, 0.3374

Protanomaly

56.4440, 0.3243, 0.3386

Deuteranomaly

56.3047, 0.3331, 0.3326

Tritanomaly

56.2105, 0.3187, 0.3208

Monochromacy



Original Color

56.2758, 0.3260, 0.3374

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2901, 0.3174, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2758, 0.3260, 0.3374 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, 196, 189)` looks like.

```
.text, #text, p{  
    color:rgb(206, 196, 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(206, 196, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 196, 189) }
```

Border

The CSS property to change the border of an element to Yxy 56.2758, 0.3260, 0.3374 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, 196, 189) }
```

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

```
.border{ border-color:rgb(206, 196, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 196, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 196, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 196, 189);  
box-shadow:4px 4px 4px 4px rgb(206, 196,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2758, 0.3260, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 196, 189) }
```

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

```
.background{ background-color: rgb(206,  
196, 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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