

Converting Colors

Yxy(56.2621, 0.3235, 0.3541)

Have a look what the booklet for
Yxy(56.2621, 0.3235, 0.3541)
contains.

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Color

Yxy(56.2059, 0.3234, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	C3C8B4
RGB	195, 200, 180
RGB Percent	76%, 78%, 71%
CMY	0.2354, 0.2156, 0.2942
CMYK	0.03, 0.00, 0.10, 0.22
HSL	75°, 15%, 75%
HSV	75°, 10%, 78%
XYZ	51.3910, 56.2059, 51.3115
YIQ	196.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

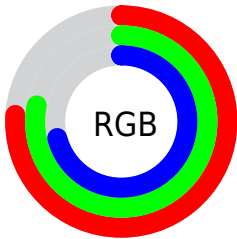
Format	Color
RYB	180, 200, 185
Decimal	12830900
CIELab	79.73, -5.30, 9.42
CIELCh	80, 10.803, 119.361
Yxy	56.2059, 0.3234, 0.3537
Android (android.graphics.Color)	4291020980 (0xFFC3C8B4)
YUV	196.2250, -7.9989, -1.0743
Hunter-Lab	74.9706, -8.8400, 11.9000

Details

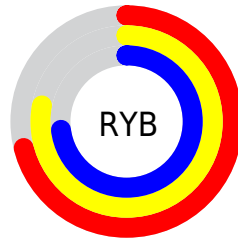
The Yxy color **56.2059, 0.3234, 0.3537** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1254, 0.3013, 0.3037**, and the grayscale version is **55.3895, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2716, 0.3219, 0.3474**, and **27.7528, 0.3261, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **54.7915, 0.3342, 0.3797**, and if you desaturate by 10%, it is **57.7654, 0.3127, 0.3290**.

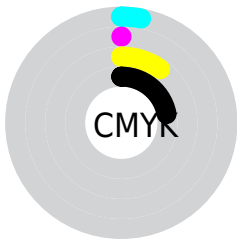
Distribution



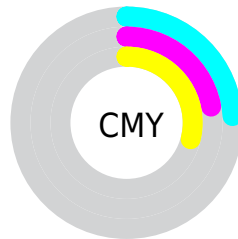
- Red (76%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2059, 0.3234, 0.3537 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 56.2059, 0.3234, 0.3537 by changing the saturation by 10% instead.

■ 56.2059, 0.3234,
0.3537

■ 56.2059, 0.3234,
0.3537

410.4670, 0.3183,
0.3416

■ 40.3680, 0.3246,
0.3566

■ 99.3056, 0.3216,
0.3494

■ 27.8256, 0.3261,
0.3604

127.3361, 0.3209,
0.3477

■ 18.1942, 0.3281,
0.3653

160.1997, 0.3203,
0.3463

■ 11.0895, 0.3307,
0.3720

198.2808, 0.3198,
0.3451

■ 6.1271, 0.3344,
0.3818

241.9636, 0.3193,
0.3441

■ 2.9225, 0.3399,
0.3972

291.6327, 0.3190,

■ 1.0914, 0.3580,

0.3431

0.4362

347.6723, 0.3186,
0.3423

0.0000, 0.0000,
0.0000

56.2059, 0.3234,
0.3537

56.2059, 0.3234,
0.3537

54.7915, 0.3342,
0.3797

57.7654, 0.3127,
0.3290

53.5097, 0.3447,
0.4065

59.4677, 0.3024,
0.3060

52.3574, 0.3546,
0.4334


61.3199, 0.2926,
0.2849

51.3285, 0.3633,
0.4593


63.0007, 0.2865,
0.2704


50.4163, 0.3703,
0.4832


63.7757, 0.2901,
0.2710

 49.6136, 0.3752,
0.5039

 64.5743, 0.2936,
0.2716


 48.9121, 0.3776,
0.5205

 65.3969, 0.2972,
0.2722

 48.3020, 0.3774,
0.5324

 66.2435, 0.3008,
0.2728

 47.7656, 0.3752,
0.5403

 67.1145, 0.3045,
0.2734

Harmonies

Analogous

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



56.2059, 0.3350, 0.3521



56.2059, 0.3234, 0.3537



56.2059, 0.3092, 0.3483

Triad

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



56.2059, 0.3234, 0.3537



56.2059, 0.2856, 0.3129



56.2059, 0.3294, 0.3207

Complementary

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



56.2059, 0.3234, 0.3537



47.1254, 0.3013, 0.3037

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.



56.2059, 0.3158, 0.3108



56.2059, 0.3234, 0.3537



56.2059, 0.2907, 0.3061

Square

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



56.2059, 0.3234, 0.3537



56.2059, 0.2876, 0.3243



56.2059, 0.3017, 0.3055



56.2059, 0.3385, 0.3328

Rectangle

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



56.2059, 0.3234, 0.3537



56.2059, 0.3001, 0.3414



56.2059, 0.3017, 0.3055



56.2059, 0.3252, 0.3170

Sweetspot

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



56.2083, 0.3234, 0.3537



99.1534, 0.3159, 0.3363



50.2710, 0.3295, 0.3353



21.1753, 0.3168, 0.3383



0.0000, 0.0000, 0.0000



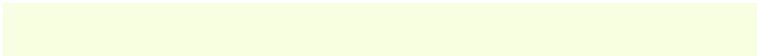
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2083, 0.3234, 0.3537



96.7511, 0.3257, 0.3592



54.9235, 0.3154, 0.3543



12.2774, 0.3227, 0.3521



30.4102, 0.3758, 0.5398



1.4727, 0.3853, 0.5323

Inverse Universe

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



47.1254, 0.3013, 0.3037



77.9202, 0.2987, 0.2979



48.4105, 0.3096, 0.3043



10.4144, 0.3021, 0.3054



3.1250, 0.1654, 0.0685



0.1836, 0.1880, 0.0809

Previews

White Background



This preview shows how the Yxy color 56.2059, 0.3234, 0.3537 looks on a white background.

Color Contrast Check

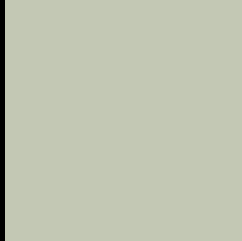
Large Text (above 18pt) WCAG AA × Fail

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 56.2059, 0.3234, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

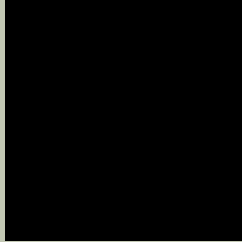
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

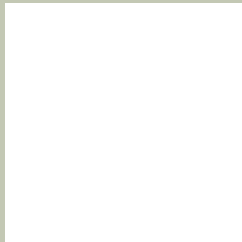
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.2059, 0.3234, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 56.2059, 0.3234, 0.3537.



This preview shows how white text looks on a background with the Yxy color 56.2059, 0.3234, 0.3537.

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

56.2059, 0.3234, 0.3537

Protanopia

56.1260, 0.3335, 0.3520

Deuteranopia

56.1686, 0.3457, 0.3395



Tritanopia

56.4624, 0.3050, 0.3113

Trichromacy



Original Color

56.2059, 0.3234, 0.3537

Protanomaly

56.0603, 0.3293, 0.3522

Deuteranomaly

55.9168, 0.3375, 0.3445

Tritanomaly

56.1084, 0.3113, 0.3254

Monochromacy



Original Color

56.2059, 0.3234, 0.3537

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3860, 0.3171, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2059, 0.3234, 0.3537 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(195, 200, 180)` looks like.

```
.text, #text, p{  
    color:rgb(195, 200, 180)  
}
```

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(195, 200, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 200, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.2059, 0.3234, 0.3537 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(195, 200, 180) }
```

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

```
.border{ border-color:rgb(195, 200, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 200, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 200, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 200, 180);  
box-shadow:4px 4px 4px 4px rgb(195, 200,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2059, 0.3234, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 200, 180) }
```

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

```
.background{ background-color: rgb(195,  
200, 180) }
```

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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