

Converting Colors

Yxy(56.1499, 0.3259, 0.3523)

Have a look what the booklet for
Yxy(56.1499, 0.3259, 0.3523)
contains.

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Color

Yxy(56.1479, 0.3260, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	C6C7B4
RGB	198, 199, 180
RGB Percent	78%, 78%, 71%
CMY	0.2234, 0.2196, 0.2942
CMYK	0.00, 0.00, 0.10, 0.22
HSL	63°, 15%, 74%
HSV	63°, 10%, 78%
XYZ	51.9563, 56.1479, 51.2710
YIQ	196.5350, 5.5030, -6.1210

Conversions

Conversions Part 2

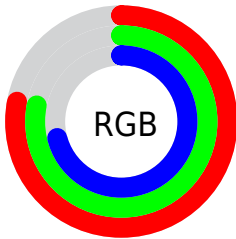
Format	Color
RYB	180, 199, 181
Decimal	13027252
CIELab	79.70, -3.67, 9.40
CIELCh	80, 10.090, 111.310
Yxy	56.1479, 0.3260, 0.3523
Android (android.graphics.Color)	4291217332 (0xFFC6C7B4)
YUV	196.5350, -8.1518, 1.2848
Hunter-Lab	74.9319, -7.3624, 11.8840

Details

The Yxy color **56.1479, 0.3260, 0.3523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.5771, 0.2988, 0.3047**, and the grayscale version is **55.5912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **27.7124, 0.3295, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **55.2609, 0.3402, 0.3774**, and if you desaturate by 10%, it is **57.1571, 0.3121, 0.3279**.

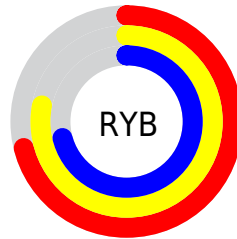
Distribution



Red (78%)

Green (78%)

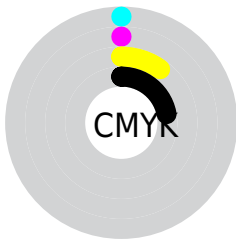
Blue (71%)



Red (71%)

Yellow (78%)

Blue (71%)

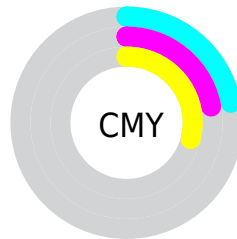


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1479, 0.3260, 0.3523 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 56.1479, 0.3260, 0.3523 by changing the saturation by 10% instead.


 56.1479, 0.3260,
0.3523

 56.1479, 0.3260,
0.3523


410.2486, 0.3196,
0.3409

 40.3215, 0.3275,
0.3551


 99.2208, 0.3237,
0.3482

 27.7893, 0.3294,
0.3586


127.2361, 0.3229,
0.3467

 18.1669, 0.3319,
0.3632


160.0831, 0.3221,
0.3454

 11.0699, 0.3353,
0.3694

198.1464, 0.3215,
0.3442

 6.1139, 0.3400,
0.3785

241.8101, 0.3209,
0.3432

 2.9144, 0.3472,
0.3927

291.4588, 0.3204,

 1.0872, 0.3688,

0.3424

0.4292

347.4769, 0.3200,
0.3416

0.0000, 0.0000,
0.0000

56.1479, 0.3260,
0.3523

56.1479, 0.3260,
0.3523

55.2609, 0.3402,
0.3774

57.1571, 0.3121,
0.3279

54.4839, 0.3543,
0.4027

58.2858, 0.2988,
0.3048

53.8140, 0.3679,
0.4272

59.5410, 0.2863,
0.2832

53.2455, 0.3804,
0.4501

60.6278, 0.2775,
0.2677

52.7721, 0.3911,
0.4703

60.7681, 0.2782,
0.2678

■ 52.3869, 0.3997,
0.4869

■ 60.9093, 0.2788,
0.2679

■ 52.0819, 0.4057,
0.4994

■ 61.0515, 0.2795,
0.2681

■ 51.8478, 0.4092,
0.5076

■ 61.1945, 0.2802,
0.2682

■ 51.6677, 0.4105,
0.5121

■ 61.3385, 0.2809,
0.2683

Harmonies

Analogous

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



56.1479, 0.3355, 0.3491



56.1479, 0.3260, 0.3523



56.1479, 0.3130, 0.3489

Triad

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



56.1479, 0.3260, 0.3523



56.1479, 0.2872, 0.3165



56.1479, 0.3251, 0.3184

Complementary

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



56.1479, 0.3260, 0.3523



46.5771, 0.2988, 0.3047

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.



56.1479, 0.3120, 0.3101



56.1479, 0.3260, 0.3523



56.1479, 0.2903, 0.3088

Square

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



56.1479, 0.3260, 0.3523



56.1479, 0.2908, 0.3279



56.1479, 0.2992, 0.3066



56.1479, 0.3351, 0.3295

Rectangle

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



56.1479, 0.3260, 0.3523



56.1479, 0.3042, 0.3434



56.1479, 0.2992, 0.3066



56.1479, 0.3209, 0.3152

Sweetspot

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



56.1504, 0.3260, 0.3523



99.4440, 0.3169, 0.3363



48.4582, 0.3292, 0.3302



21.2540, 0.3180, 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.



56.1504, 0.3260, 0.3523



98.0563, 0.3283, 0.3563



54.8995, 0.3183, 0.3528



12.3888, 0.3258, 0.3519



33.2321, 0.4107, 0.5121



1.5821, 0.4126, 0.5106

Inverse Universe

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



46.5771, 0.2988, 0.3047



78.6842, 0.2962, 0.3003



47.7643, 0.3066, 0.3053



10.3125, 0.2990, 0.3052



2.7046, 0.1518, 0.0610



0.1372, 0.1581, 0.0645

Previews

White Background



This preview shows how the Yxy color 56.1479, 0.3260, 0.3523 looks on a white background.

Color Contrast Check

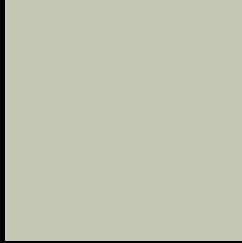
Large Text (above 18pt) WCAG AA × Fail

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 56.1479, 0.3260, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

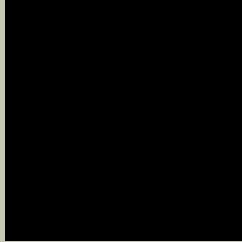
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

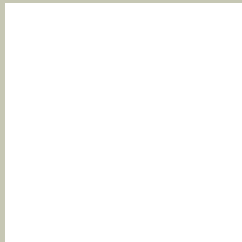
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1479, 0.3260, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 56.1479, 0.3260, 0.3523.



This preview shows how white text looks on a background with the Yxy color 56.1479, 0.3260, 0.3523.

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

56.1479, 0.3260, 0.3523

Protanopia

56.1663, 0.3327, 0.3508

Deuteranopia

55.7339, 0.3459, 0.3383



Tritanopia

56.2399, 0.3073, 0.3113

Trichromacy



Original Color

56.1479, 0.3260, 0.3523

Protanomaly

56.1994, 0.3301, 0.3521

Deuteranomaly

55.6223, 0.3385, 0.3433

Tritanomaly

56.0209, 0.3145, 0.3254

Monochromacy



Original Color

56.1479, 0.3260, 0.3523

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0201, 0.3171, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1479, 0.3260, 0.3523 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(198, 199, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 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(198, 199, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 180) }
```

Border

The CSS property to change the border of an element to Yxy 56.1479, 0.3260, 0.3523 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(198, 199, 180) }
```

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

```
.border{ border-color:rgb(198, 199, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1479, 0.3260, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 180) }
```

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

```
.background{ background-color: rgb(198,  
199, 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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