

Converting Colors

$Y_{xy}(56.7972, 0.3275, 0.3330)$

Have a look what the booklet for
Yxy(56.7972, 0.3275, 0.3330)
contains.

Yxy(56.6849, 0.3279, 0.3326)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6849, 0.3279, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	D3C3C0
RGB	211, 195, 192
RGB Percent	83%, 76%, 75%
CMY	0.1727, 0.2352, 0.2471
CMYK	0.00, 0.08, 0.09, 0.17
HSL	10°, 18%, 79%
HSV	10°, 9%, 83%
XYZ	55.8839, 56.6849, 57.8609
YIQ	199.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

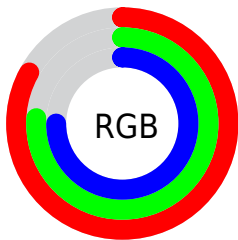
Format	Color
R _Y B	211, 196, 192
Decimal	13878208
CIE Lab	80.00, 5.07, 3.52
CIE LCh	80, 6.179, 34.781
Yxy	56.6849, 0.3279, 0.3326
Android (android.graphics.Color)	4292068288 (0xFFD3C3C0)
YUV	199.4420, -3.6689, 10.1364
Hunter-Lab	75.2894, 0.7360, 7.1374

Details

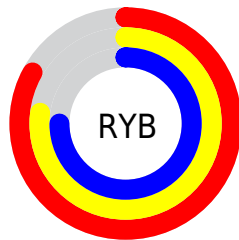
The Yxy color $56.6849, 0.3279, 0.3326$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.9859, 0.2989, 0.3254$, and the grayscale version is $57.4145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6581, 0.3169, 0.3328$, and $27.9818, 0.3312, 0.3322$ is the 20% darker color. If you saturate the color by 10%, you get $48.3380, 0.3483, 0.3369$, and if you desaturate by 10%, it is $66.1143, 0.3112, 0.3286$.

Distribution



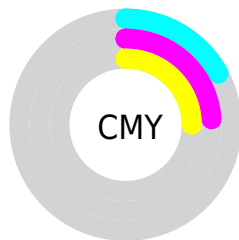
- Red (83%)
- Green (76%)
- Blue (75%)



- Red (83%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6849, 0.3279, 0.3326 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 56.6849, 0.3279, 0.3326 by changing the saturation by 10% instead.


 56.6849, 0.3279,
0.3326

 56.6849, 0.3279,
0.3326

412.2675, 0.3205,
0.3309

 40.7523, 0.3297,
0.3330


 100.0053, 0.3253,
0.3320

 28.1256, 0.3319,
0.3335


128.1618, 0.3243,
0.3318

 18.4204, 0.3349,
0.3341


161.1619, 0.3234,
0.3316

 11.2522, 0.3389,
0.3349

199.3897, 0.3227,
0.3314

 6.2367, 0.3446,
0.3361

243.2298, 0.3220,
0.3313

 2.9896, 0.3536,
0.3378

293.0666, 0.3215,

 1.1263, 0.3696,

0.3311

349.2843, 0.3210,
0.3310

0.3405

0.0002, 0.9982,
0.0018

0.0000, 0.0000,
0.0000

56.6849, 0.3279,
0.3326

56.6849, 0.3279,
0.3326

48.3380, 0.3483,
0.3369

66.1143, 0.3112,
0.3286

41.0276, 0.3730,
0.3414

76.6553, 0.2974,
0.3250

34.7152, 0.4028,
0.3458

88.3270, 0.2862,
0.3219

29.3574, 0.4380,
0.3498

92.5828, 0.2866,
0.3289

■ 24.9073, 0.4780,
0.3528

■ 21.3141, 0.5209,
0.3540

■ 18.5219, 0.5629,
0.3527

■ 16.4681, 0.5985,
0.3484

■ 15.0761, 0.6234,
0.3420

Harmonies

Analogous

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



56.6849, 0.3234, 0.3255



56.6849, 0.3279, 0.3326



56.6849, 0.3283, 0.3389

Triad

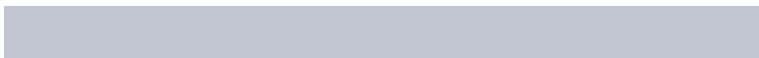
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.6849, 0.3279, 0.3326



56.6849, 0.3093, 0.3390



56.6849, 0.3011, 0.3156

Complementary

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



56.6849, 0.3279, 0.3326



60.9859, 0.2989, 0.3254

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.



56.6849, 0.2974, 0.3189



56.6849, 0.3279, 0.3326



56.6849, 0.3021, 0.3325

Square

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



56.6849, 0.3279, 0.3326



56.6849, 0.3175, 0.3427



56.6849, 0.2978, 0.3251



56.6849, 0.3078, 0.3158

Rectangle

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



56.6849, 0.3279, 0.3326



56.6849, 0.3261, 0.3417



56.6849, 0.2978, 0.3251



56.6849, 0.2994, 0.3163

Sweetspot

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



56.6874, 0.3279, 0.3326



95.4832, 0.3175, 0.3302



56.0992, 0.3159, 0.3103



20.1846, 0.3189, 0.3305



0.0000, 0.0000, 0.0000



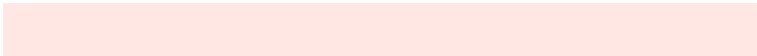
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6874, 0.3279, 0.3326



84.1934, 0.3319, 0.3335



60.9868, 0.3268, 0.3434



12.1085, 0.3287, 0.3328



9.1348, 0.6235, 0.3431



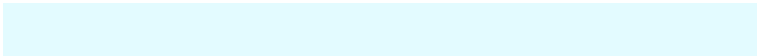
0.6086, 0.5916, 0.3685

Inverse Universe

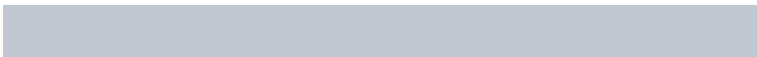
The Inverse Universe completely reimagines the original color for something new.



60.9859, 0.2989, 0.3254



92.2406, 0.2957, 0.3245



56.5844, 0.2989, 0.3142



13.0724, 0.2983, 0.3252



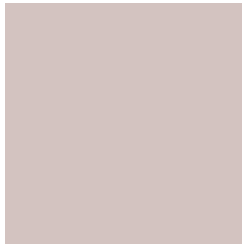
22.0208, 0.2105, 0.2778



1.3194, 0.2134, 0.2881

Previews

White Background



This preview shows how the Yxy color 56.6849, 0.3279, 0.3326 looks on a white background.

Color Contrast Check

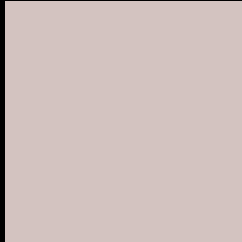
Large Text (above 18pt) WCAG AA × Fail

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 56.6849, 0.3279, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

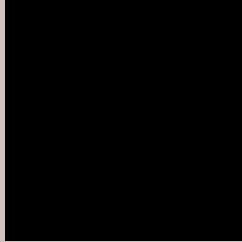
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6849, 0.3279, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 56.6849, 0.3279, 0.3326.



This preview shows how white text looks on a background with the Yxy color 56.6849, 0.3279, 0.3326.

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

56.6849, 0.3279, 0.3326

Protanopia

56.9349, 0.3204, 0.3350

Deuteranopia

56.7652, 0.3350, 0.3279



Tritanopia

56.8401, 0.3175, 0.3117

Trichromacy



Original Color

56.6849, 0.3279, 0.3326

Protanomaly

56.9046, 0.3229, 0.3338

Deuteranomaly

56.7419, 0.3324, 0.3291

Tritanomaly

56.8449, 0.3212, 0.3197

Monochromacy



Original Color

56.6849, 0.3279, 0.3326

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0702, 0.3181, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6849, 0.3279, 0.3326 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(211, 195, 192) looks like.

```
.text, #text, p{  
    color:rgb(211, 195, 192)  
}
```

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(211, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 195, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.6849, 0.3279, 0.3326 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(211, 195, 192) }
```

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

```
.border{ border-color:rgb(211, 195, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 195, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 195, 192);  
box-shadow:4px 4px 4px 4px rgb(211, 195,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6849, 0.3279, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 195, 192) }
```

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

```
.background{ background-color: rgb(211,  
195, 192) }
```

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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