

Converting Colors

$Yxy(56.4475, 0.3256, 0.3447)$

Have a look what the booklet for
Yxy(56.4475, 0.3256, 0.3447)
contains.

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Color

Yxy(56.4475, 0.3256, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	CAC6B9
RGB	202, 198, 185
RGB Percent	79%, 78%, 73%
CMY	0.2076, 0.2236, 0.2745
CMYK	0.00, 0.02, 0.08, 0.21
HSL	46°, 14%, 76%
HSV	46°, 8%, 79%
XYZ	53.3197, 56.4475, 53.9911
YIQ	197.7140, 6.5570, -3.1950

Conversions

Conversions Part 2

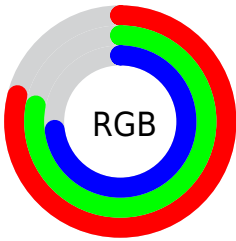
Format	Color
RYB	190, 202, 185
Decimal	13289145
CIELab	79.87, -0.85, 6.99
CIELCh	80, 7.040, 96.967
Yxy	56.4475, 0.3256, 0.3447
Android (android.graphics.Color)	4291479225 (0xFFCAC6B9)
YUV	197.7140, -6.2680, 3.7588
Hunter-Lab	75.1316, -4.8015, 9.9850

Details

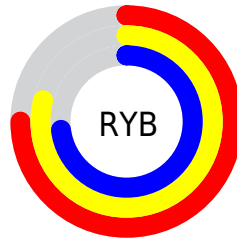
The Yxy color `56.4475, 0.3256, 0.3447` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.0122, 0.2998, 0.3128`, and the grayscale version is `56.3308, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.1309, 0.3209, 0.3425`, and `27.9084, 0.3290, 0.3485` is the 20% darker color. If you saturate the color by 10%, you get `53.4875, 0.3420, 0.3641`, and if you desaturate by 10%, it is `59.6039, 0.3104, 0.3262`.

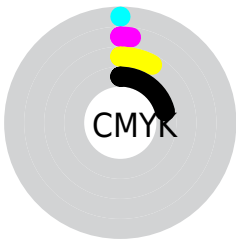
Distribution



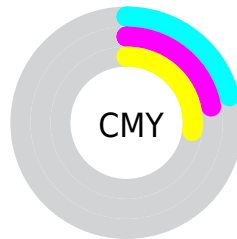
- Red (79%)
- Green (78%)
- Blue (73%)



- Red (75%)
- Yellow (79%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4475, 0.3256, 0.3447 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 56.4475, 0.3256, 0.3447 by changing the saturation by 10% instead.

■ 56.4475, 0.3256,
0.3447

■ 56.4475, 0.3256,
0.3447

411.3758, 0.3194,
0.3371

■ 40.5618, 0.3271,
0.3465

■ 99.6586, 0.3234,
0.3420

■ 27.9769, 0.3290,
0.3489

127.7528, 0.3225,
0.3409

■ 18.3082, 0.3314,
0.3519

160.6852, 0.3218,
0.3401

■ 11.1715, 0.3348,
0.3560

198.8404, 0.3212,
0.3393

■ 6.1823, 0.3395,
0.3619

242.6026, 0.3206,
0.3386

■ 2.9563, 0.3469,
0.3711

292.3563, 0.3202,

■ 1.1089, 0.3627,

0.3381

0.3905

348.4859, 0.3197,
0.3375

0.0000, 0.0000,
0.0000

56.4475, 0.3256,
0.3447

56.4475, 0.3256,
0.3447

53.4875, 0.3420,
0.3641

59.6039, 0.3104,
0.3262

50.7107, 0.3596,
0.3838

62.9547, 0.2966,
0.3087

48.1135, 0.3778,
0.4033

66.5075, 0.2841,
0.2924

45.6893, 0.3964,
0.4217

69.5495, 0.2789,
0.2882

43.4311, 0.4145,
0.4382

72.0753, 0.2792,
0.2935

■ 41.3311, 0.4314,
0.4515

■ 74.6743, 0.2796,
0.2988

■ 39.3804, 0.4463,
0.4609

■ 77.3472, 0.2800,
0.3041

■ 37.5689, 0.4585,
0.4655

■ 80.0945, 0.2803,
0.3093

■ 35.8809, 0.4678,
0.4657

■ 82.9168, 0.2807,
0.3145

Harmonies

Analogous

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



56.4475, 0.3303, 0.3407



56.4475, 0.3256, 0.3447



56.4475, 0.3175, 0.3445

Triad

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



56.4475, 0.3256, 0.3447



56.4475, 0.2955, 0.3240



56.4475, 0.3172, 0.3185

Complementary

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



56.4475, 0.3256, 0.3447



51.0122, 0.2998, 0.3128

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.



56.4475, 0.3078, 0.3141



56.4475, 0.3256, 0.3447



56.4475, 0.2954, 0.3171

Square

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



56.4475, 0.3256, 0.3447



56.4475, 0.3001, 0.3324



56.4475, 0.2999, 0.3136



56.4475, 0.3254, 0.3256

Rectangle

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



56.4475, 0.3256, 0.3447



56.4475, 0.3112, 0.3419



56.4475, 0.2999, 0.3136



56.4475, 0.3140, 0.3166

Sweetspot

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



56.4500, 0.3256, 0.3447



98.3580, 0.3173, 0.3346



50.9538, 0.3237, 0.3238



20.9598, 0.3185, 0.3361



0.0000, 0.0000, 0.0000



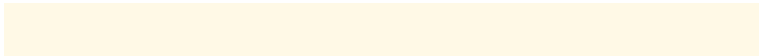
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4500, 0.3256, 0.3447



94.6445, 0.3283, 0.3480



57.7471, 0.3217, 0.3497



12.6254, 0.3271, 0.3465



23.0539, 0.4684, 0.4663



1.3017, 0.4569, 0.4754

Inverse Universe

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



51.0122, 0.2998, 0.3128



83.7120, 0.2971, 0.3093



49.8245, 0.3032, 0.3079



11.2714, 0.2983, 0.3108



4.2312, 0.1577, 0.0878



0.3397, 0.1684, 0.1263

Previews

White Background



This preview shows how the Yxy color 56.4475, 0.3256, 0.3447 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 56.4475, 0.3256, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

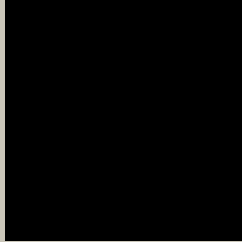
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

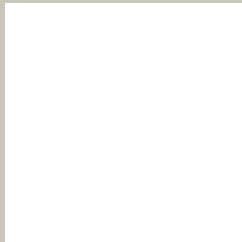
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4475, 0.3256, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 56.4475, 0.3256, 0.3447.



This preview shows how white text looks on a background with the Yxy color 56.4475, 0.3256, 0.3447.

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

56.4475, 0.3256, 0.3447

Protanopia

56.4144, 0.3281, 0.3434

Deuteranopia

56.1789, 0.3416, 0.3349



Tritanopia

56.3585, 0.3104, 0.3103

Trichromacy



Original Color

56.4475, 0.3256, 0.3447

Protanomaly

56.2727, 0.3273, 0.3435

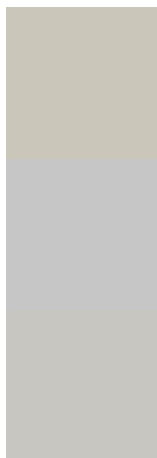
Deuteranomaly

56.4249, 0.3352, 0.3385

Tritanomaly

56.2264, 0.3162, 0.3219

Monochromacy



Original Color

56.4475, 0.3256, 0.3447

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3805, 0.3172, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4475, 0.3256, 0.3447 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(202, 198, 185)` looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 185)  
}
```

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(202, 198, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.4475, 0.3256, 0.3447 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(202, 198, 185) }
```

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

```
.border{ border-color:rgb(202, 198, 185) }
```

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

Here you see how a box with a 4 pixel rgb(202, 198, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4475, 0.3256, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 185) }
```

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

```
.background{ background-color: rgb(202,  
198, 185) }
```

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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