

Converting Colors

Yxy(56.5375, 0.3488, 0.3627)

Have a look what the booklet for
Yxy(56.5375, 0.3488, 0.3627)
contains.

Yxy(56.4531, 0.3482, 0.3624)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4531, 0.3482, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	D5C4A8
RGB	213, 196, 168
RGB Percent	84%, 77%, 66%
CMY	0.1648, 0.2313, 0.3412
CMYK	0.00, 0.08, 0.21, 0.16
HSL	37°, 35%, 75%
HSV	37°, 21%, 84%
XYZ	54.2411, 56.4531, 45.0815
YIQ	197.8910, 19.1200, -5.1040

Conversions

Conversions Part 2

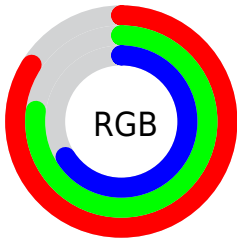
Format	Color
RYB	195, 213, 168
Decimal	14009512
CIELab	79.87, 1.49, 16.23
CIELCh	80, 16.298, 84.740
Yxy	56.4531, 0.3482, 0.3624
Android (android.graphics.Color)	4292199592 (0xFFD5C4A8)
YUV	197.8910, -14.7363, 13.2506
Hunter-Lab	75.1353, -2.6254, 17.0205

Details

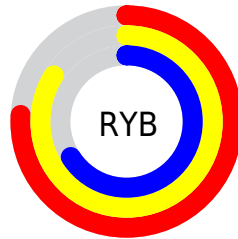
The Yxy color **56.4531, 0.3482, 0.3624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8037, 0.2790, 0.2932**, and the grayscale version is **56.4838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8383, 0.3318, 0.3583**, and **27.8761, 0.3576, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **52.2000, 0.3678, 0.3790**, and if you desaturate by 10%, it is **61.0350, 0.3304, 0.3462**.

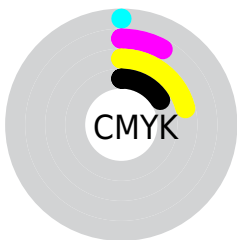
Distribution



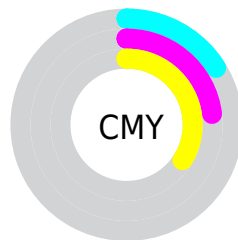
- Red (84%)
- Green (77%)
- Blue (66%)



- Red (76%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4531, 0.3482, 0.3624 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 56.4531, 0.3482, 0.3624 by changing the saturation by 10% instead.


 56.4531, 0.3482,
0.3624

 56.4531, 0.3482,
0.3624


411.3968, 0.3310,
0.3463

 40.5663, 0.3523,
0.3662

 99.6667, 0.3421,
0.3567

 27.9804, 0.3575,
0.3710


 127.7624, 0.3398,
0.3545

 18.3109, 0.3642,
0.3772


160.6965, 0.3378,
0.3527

 11.1734, 0.3732,
0.3855

198.8533, 0.3360,
0.3510

 6.1836, 0.3860,
0.3970

242.6174, 0.3345,
0.3496

 2.9570, 0.4051,
0.4140

292.3731, 0.3332,

 1.1093, 0.4852,

0.3484

0.4905

348.5048, 0.3321,
0.3473

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4531, 0.3482,
0.3624

56.4531, 0.3482,
0.3624

52.2000, 0.3678,
0.3790

61.0350, 0.3304,
0.3462

48.2589, 0.3889,
0.3953

65.9471, 0.3144,
0.3307

44.6224, 0.4111,
0.4106

71.2001, 0.3001,
0.3161

41.2798, 0.4337,
0.4238

76.8022, 0.2875,
0.3026

■ 38.2195, 0.4557,
0.4337

■ 81.4420, 0.2868,
0.3093

■ 35.4285, 0.4759,
0.4393

■ 86.1734, 0.2872,
0.3178

■ 32.8920, 0.4933,
0.4397

■ 91.1152, 0.2876,
0.3261

■ 30.8314, 0.5062,
0.4363

■ 92.8814, 0.2877,
0.3289

Harmonies

Analogous

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



56.4531, 0.3551, 0.3492



56.4531, 0.3482, 0.3624



56.4531, 0.3317, 0.3669

Triad

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



56.4531, 0.3482, 0.3624



56.4531, 0.2765, 0.3245



56.4531, 0.3138, 0.3002

Complementary

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



56.4531, 0.3482, 0.3624



47.8037, 0.2790, 0.2932

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.



56.4531, 0.2931, 0.2935



56.4531, 0.3482, 0.3624



56.4531, 0.2720, 0.3067

Square

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



56.4531, 0.3482, 0.3624



56.4531, 0.2904, 0.3445



56.4531, 0.2780, 0.2957



56.4531, 0.3349, 0.3139

Rectangle

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



56.4531, 0.3482, 0.3624



56.4531, 0.3177, 0.3637



56.4531, 0.2780, 0.2957



56.4531, 0.3066, 0.2971

Sweetspot

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



56.4556, 0.3482, 0.3624



95.4287, 0.3221, 0.3382



45.6585, 0.3391, 0.3084



20.3216, 0.3231, 0.3393



0.0000, 0.0000, 0.0000



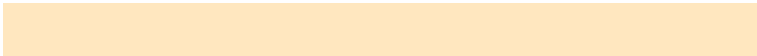
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4556, 0.3482, 0.3624



82.1672, 0.3561, 0.3693



63.7691, 0.3402, 0.3820



13.6967, 0.3276, 0.3435



19.0416, 0.5046, 0.4375



1.3055, 0.4861, 0.4522

Inverse Universe

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



47.8037, 0.2790, 0.2932



67.0728, 0.2720, 0.2851



41.7189, 0.2817, 0.2714



12.7682, 0.2982, 0.3141



6.6469, 0.1669, 0.1207



0.5578, 0.1766, 0.1556

Previews

White Background



This preview shows how the Yxy color 56.4531, 0.3482, 0.3624 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 56.4531, 0.3482, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

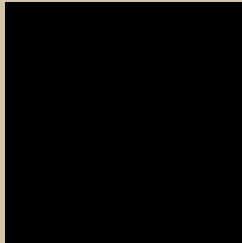
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

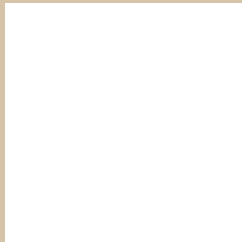
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4531, 0.3482, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 56.4531, 0.3482, 0.3624.



This preview shows how white text looks on a background with the Yxy color 56.4531, 0.3482, 0.3624.

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

56.4531, 0.3482, 0.3624

Protanopia

56.6626, 0.3428, 0.3639

Deuteranopia

56.4571, 0.3607, 0.3543



Tritanopia

56.6233, 0.3233, 0.3119

Trichromacy



Original Color

56.4531, 0.3482, 0.3624

Protanomaly

56.4987, 0.3447, 0.3626

Deuteranomaly

56.5341, 0.3559, 0.3570

Tritanomaly

56.5446, 0.3323, 0.3302

Monochromacy



Original Color

56.4531, 0.3482, 0.3624

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2169, 0.3250, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4531, 0.3482, 0.3624 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(213, 196, 168)` looks like.

```
.text, #text, p{  
    color:rgb(213, 196, 168)  
}
```

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(213, 196, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 196, 168) }
```

Border

The CSS property to change the border of an element to Yxy 56.4531, 0.3482, 0.3624 is called "border". The border property can be set on classes, ids or directly on the HTML element.

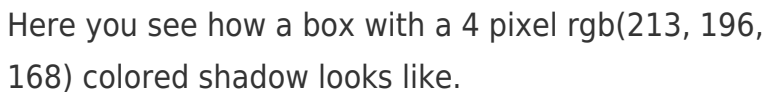
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 196, 168) }
```

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

```
.border{ border-color:rgb(213, 196, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 196, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 196, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 196, 168);  
box-shadow:4px 4px 4px 4px rgb(213, 196,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4531, 0.3482, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 196, 168) }
```

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

```
.background{ background-color: rgb(213,  
196, 168) }
```

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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