

Converting Colors

Yxy(56.8361, 0.3204, 0.3499)

Have a look what the booklet for
Yxy(56.8361, 0.3204, 0.3499)
contains.

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Color

Yxy(56.8361, 0.3204, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	C3C9B8
RGB	195, 201, 184
RGB Percent	76%, 79%, 72%
CMY	0.2352, 0.2118, 0.2786
CMYK	0.03, 0.00, 0.08, 0.21
HSL	81°, 14%, 75%
HSV	81°, 8%, 79%
XYZ	52.0443, 56.8361, 53.5549
YIQ	197.2680, 1.8810, -6.5590

Conversions

Conversions Part 2

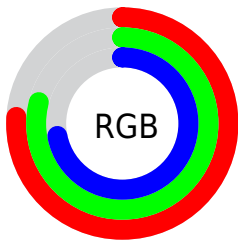
Format	Color
RYB	184, 201, 190
Decimal	12831160
CIELab	80.09, -5.11, 7.79
CIELCh	80, 9.322, 123.274
Yxy	56.8361, 0.3204, 0.3499
Android (android.graphics.Color)	4291021240 (0xFFC3C9B8)
YUV	197.2680, -6.5411, -1.9890
Hunter-Lab	75.3897, -8.7070, 10.6547

Details

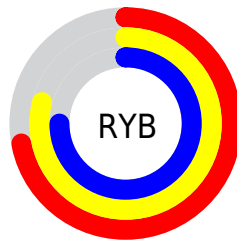
The Yxy color $56.8361, 0.3204, 0.3499$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.4245, 0.3046, 0.3079$, and the grayscale version is $56.0461, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.5067, 0.3195, 0.3435$, and $28.1689, 0.3220, 0.3554$ is the 20% darker color. If you saturate the color by 10%, you get $55.1362, 0.3295, 0.3761$, and if you desaturate by 10%, it is $58.7052, 0.3114, 0.3254$.

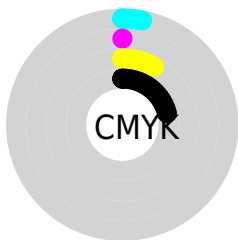
Distribution



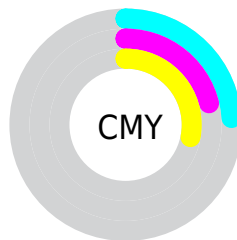
- Red (76%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8361, 0.3204, 0.3499 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 56.8361, 0.3204, 0.3499 by changing the saturation by 10% instead.

■ 56.8361, 0.3204,
0.3499

■ 56.8361, 0.3204,
0.3499

412.8349, 0.3167,
0.3397

■ 40.8737, 0.3213,
0.3524

■ 100.2260, 0.3191,
0.3462

■ 28.2204, 0.3224,
0.3555

128.4222, 0.3186,
0.3449

■ 18.4919, 0.3237,
0.3596

161.4652, 0.3182,
0.3437

■ 11.3037, 0.3256,
0.3653

199.7393, 0.3178,
0.3427

■ 6.2715, 0.3282,
0.3734

243.6290, 0.3175,
0.3418

■ 3.0109, 0.3321,
0.3863

293.5185, 0.3172,

■ 1.1374, 0.3421,

0.3410

0.4138

349.7923, 0.3170,
0.3403

0.0097, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8361, 0.3204,
0.3499

56.8361, 0.3204,
0.3499

55.1362, 0.3295,
0.3761

58.7052, 0.3114,
0.3254

53.5924, 0.3384,
0.4036

60.7414, 0.3026,
0.3028

52.2013, 0.3466,
0.4316

62.9523, 0.2942,
0.2822

50.9563, 0.3538,
0.4592

64.7245, 0.2923,
0.2724

■ 49.8505, 0.3593,
0.4853

■ 65.8714, 0.2973,
0.2732

■ 48.8762, 0.3628,
0.5086

■ 67.0656, 0.3024,
0.2741

■ 48.0247, 0.3640,
0.5279

■ 68.3078, 0.3075,
0.2749

■ 47.2859, 0.3626,
0.5424

■ 69.5983, 0.3126,
0.2758

■ 46.6443, 0.3591,
0.5522

■ 70.2548, 0.3152,
0.2762

Harmonies

Analogous

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



56.8361, 0.3308, 0.3494



56.8361, 0.3204, 0.3499



56.8361, 0.3081, 0.3445

Triad

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



56.8361, 0.3204, 0.3499



56.8361, 0.2896, 0.3141



56.8361, 0.3283, 0.3232

Complementary

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



56.8361, 0.3204, 0.3499



49.4245, 0.3046, 0.3079

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.



56.8361, 0.3170, 0.3142



56.8361, 0.3204, 0.3499



56.8361, 0.2948, 0.3089

Square

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



56.8361, 0.3204, 0.3499



56.8361, 0.2905, 0.3236



56.8361, 0.3047, 0.3090



56.8361, 0.3355, 0.3338

Rectangle

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



56.8361, 0.3204, 0.3499



56.8361, 0.3005, 0.3383



56.8361, 0.3047, 0.3090



56.8361, 0.3249, 0.3199

Sweetspot

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



56.8386, 0.3204, 0.3499



99.0109, 0.3155, 0.3364



52.6732, 0.3265, 0.3363



21.1368, 0.3162, 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.



56.8386, 0.3204, 0.3499



96.8055, 0.3219, 0.3542



55.7385, 0.3137, 0.3503



12.2234, 0.3212, 0.3522



29.3216, 0.3594, 0.5528



1.4277, 0.3721, 0.5427

Inverse Universe

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



49.4245, 0.3046, 0.3079



81.7922, 0.3029, 0.3035



50.5504, 0.3116, 0.3083



10.4657, 0.3037, 0.3055



3.5311, 0.1779, 0.0754



0.2077, 0.2021, 0.0887

Previews

White Background



This preview shows how the Yxy color 56.8361, 0.3204, 0.3499 looks on a white background.

Color Contrast Check

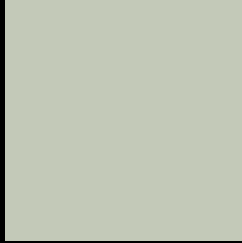
Large Text (above 18pt) WCAG AA × Fail

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 56.8361, 0.3204, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

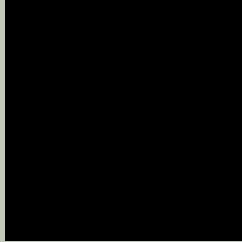
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

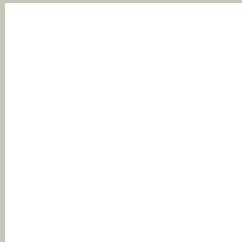
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8361, 0.3204, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 56.8361, 0.3204, 0.3499.



This preview shows how white text looks on a background with the Yxy color 56.8361, 0.3204, 0.3499.

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

56.8361, 0.3204, 0.3499

Protanopia

56.8874, 0.3311, 0.3482

Deuteranopia

56.7740, 0.3423, 0.3360



Tritanopia

56.8281, 0.3035, 0.3113

Trichromacy



Original Color

56.8361, 0.3204, 0.3499

Protanomaly

56.8223, 0.3269, 0.3484

Deuteranomaly

56.5300, 0.3342, 0.3409

Tritanomaly

56.6582, 0.3098, 0.3242

Monochromacy



Original Color

56.8361, 0.3204, 0.3499

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.9297, 0.3155, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8361, 0.3204, 0.3499 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, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 184)  
}
```

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, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.8361, 0.3204, 0.3499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

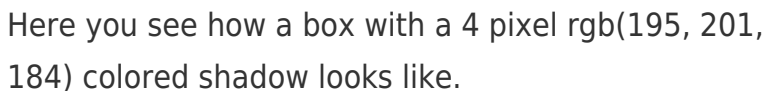
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 201, 184) }
```

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

```
.border{ border-color:rgb(195, 201, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 201, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 201, 184); box-shadow:4px 4px 4px 4px rgb(195, 201, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8361, 0.3204, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 184) }
```

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

```
.background{ background-color: rgb(195,  
201, 184) }
```

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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