

Converting Colors

Yxy(56.7553, 0.3244, 0.3465)

Have a look what the booklet for
Yxy(56.7553, 0.3244, 0.3465)
contains.

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Color

Yxy(56.6290, 0.3238, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	C8C7B9
RGB	200, 199, 185
RGB Percent	78%, 78%, 73%
CMY	0.2158, 0.2196, 0.2745
CMYK	0.00, 0.00, 0.07, 0.22
HSL	56°, 12%, 75%
HSV	56°, 7%, 78%
XYZ	52.9956, 56.6290, 54.0431
YIQ	197.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

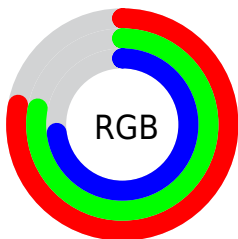
Format	Color
RYB	186, 200, 185
Decimal	13158329
CIELab	79.97, -2.13, 7.11
CIELCh	80, 7.428, 106.695
Yxy	56.6290, 0.3238, 0.3460
Android (android.graphics.Color)	4291348409 (0xFFC8C7B9)
YUV	197.7030, -6.2626, 2.0145
Hunter-Lab	75.2522, -5.9847, 10.0969

Details

The Yxy color **56.6290, 0.3238, 0.3460** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5928, 0.3013, 0.3114**, and the grayscale version is **56.3184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **28.0277, 0.3267, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **55.2556, 0.3392, 0.3694**, and if you desaturate by 10%, it is **58.1312, 0.3091, 0.3234**.

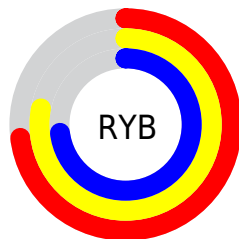
Distribution



Red (78%)

Green (78%)

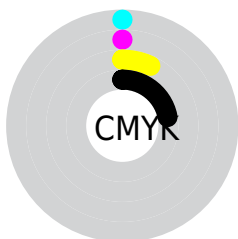
Blue (73%)



Red (73%)

Yellow (78%)

Blue (73%)

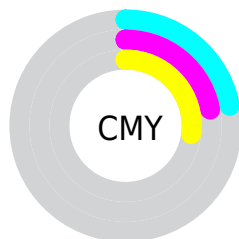


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6290, 0.3238, 0.3460 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 56.6290, 0.3238, 0.3460 by changing the saturation by 10% instead.


 56.6290, 0.3238,
0.3460

 56.6290, 0.3238,
0.3460


412.0577, 0.3185,
0.3377

 40.7075, 0.3251,
0.3480


 99.9236, 0.3219,
0.3430

 28.0906, 0.3267,
0.3505


128.0655, 0.3212,
0.3419

 18.3939, 0.3288,
0.3538


161.0497, 0.3206,
0.3410

 11.2332, 0.3316,
0.3583

199.2604, 0.3200,
0.3401

 6.2239, 0.3356,
0.3648

243.0822, 0.3196,
0.3394

 2.9817, 0.3418,
0.3749

292.8994, 0.3191,

 1.1222, 0.3553,

0.3388

0.3961

349.0964, 0.3188,
0.3382

0.0000, 0.0000,
0.0000

56.6290, 0.3238,
0.3460

56.6290, 0.3238,
0.3460

55.2556, 0.3392,
0.3694

58.1312, 0.3091,
0.3234

53.9986, 0.3549,
0.3930

59.7593, 0.2953,
0.3020

52.8551, 0.3704,
0.4160

61.5203, 0.2825,
0.2820

51.8195, 0.3853,
0.4376

62.7572, 0.2765,
0.2733

50.8856, 0.3988,
0.4568

63.3721, 0.2766,
0.2748

■ 50.0464, 0.4105,
0.4727

■ 63.9921, 0.2767,
0.2762

■ 49.2942, 0.4197,
0.4845

■ 64.6171, 0.2768,
0.2777

■ 48.6198, 0.4262,
0.4919

■ 65.2472, 0.2769,
0.2791

■ 48.0104, 0.4302,
0.4953

■ 65.8825, 0.2770,
0.2805

Harmonies

Analogous

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



56.6290, 0.3302, 0.3431



56.6290, 0.3238, 0.3460



56.6290, 0.3145, 0.3442

Triad

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



56.6290, 0.3238, 0.3460



56.6290, 0.2940, 0.3210



56.6290, 0.3205, 0.3201

Complementary

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



56.6290, 0.3238, 0.3460



49.5928, 0.3013, 0.3114

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.



56.6290, 0.3107, 0.3144



56.6290, 0.3238, 0.3460



56.6290, 0.2955, 0.3148

Square

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



56.6290, 0.3238, 0.3460



56.6290, 0.2974, 0.3296



56.6290, 0.3016, 0.3124



56.6290, 0.3282, 0.3281

Rectangle

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



56.6290, 0.3238, 0.3460



56.6290, 0.3080, 0.3406



56.6290, 0.3016, 0.3124



56.6290, 0.3173, 0.3178

Sweetspot

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



56.6315, 0.3238, 0.3460



99.4666, 0.3157, 0.3336



50.5252, 0.3246, 0.3278



21.2956, 0.3155, 0.3333



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.



56.6315, 0.3238, 0.3460



97.6704, 0.3263, 0.3498



56.2023, 0.3185, 0.3474



12.2956, 0.3267, 0.3504



30.4915, 0.4309, 0.4961



1.4799, 0.4283, 0.4982

Inverse Universe

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



49.5928, 0.3013, 0.3114



82.9607, 0.2987, 0.3073



50.0135, 0.3066, 0.3105



10.3952, 0.2983, 0.3067



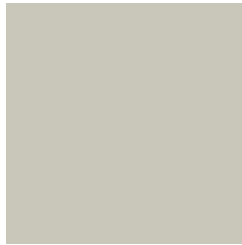
2.8796, 0.1513, 0.0646



0.1754, 0.1557, 0.0806

Previews

White Background



This preview shows how the Yxy color 56.6290, 0.3238, 0.3460 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 56.6290, 0.3238, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

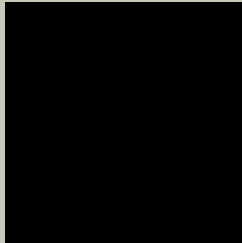
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

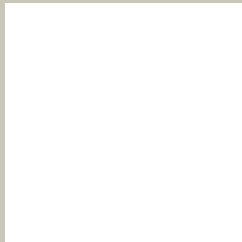
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6290, 0.3238, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 56.6290, 0.3238, 0.3460.



This preview shows how white text looks on a background with the Yxy color 56.6290, 0.3238, 0.3460.

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

56.6290, 0.3238, 0.3460

Protanopia

56.3723, 0.3289, 0.3447

Deuteranopia

56.3791, 0.3417, 0.3337



Tritanopia

56.5707, 0.3081, 0.3103

Trichromacy



Original Color

56.6290, 0.3238, 0.3460

Protanomaly

56.5454, 0.3271, 0.3459

Deuteranomaly

56.4249, 0.3352, 0.3385

Tritanomaly

56.4406, 0.3138, 0.3219

Monochromacy



Original Color

56.6290, 0.3238, 0.3460

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 56.6290, 0.3238, 0.3460 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(200, 199, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 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(200, 199, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.6290, 0.3238, 0.3460 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(200, 199, 185) }
```

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

```
.border{ border-color:rgb(200, 199, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6290, 0.3238, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 185) }
```

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

```
.background{ background-color: rgb(200,  
199, 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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