

Converting Colors

$Yxy(56.7798, 0.3184, 0.3381)$

Have a look what the booklet for
Yxy(56.7798, 0.3184, 0.3381)
contains.

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Color

Yxy(56.7505, 0.3186, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7BF
RGB	199, 199, 191
RGB Percent	78%, 78%, 75%
CMY	0.2195, 0.2196, 0.2510
CMYK	0.00, 0.00, 0.04, 0.22
HSL	60°, 7%, 76%
HSV	60°, 4%, 78%
XYZ	53.3827, 56.7505, 57.4207
YIQ	198.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

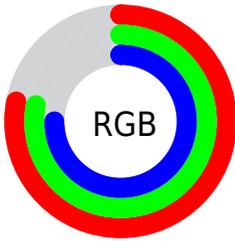
Format	Color
RYB	191, 199, 191
Decimal	13092799
CIELab	80.04, -1.43, 4.00
CIELCh	80, 4.248, 109.669
Yxy	56.7505, 0.3186, 0.3387
Android (android.graphics.Color)	4291282879 (0xFFC7C7BF)
YUV	198.0880, -3.4944, 0.7998
Hunter-Lab	75.3329, -5.3434, 7.5407

Details

The Yxy color **56.7505, 0.3186, 0.3387** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4616, 0.3067, 0.3191**, and the grayscale version is **56.5509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **28.1055, 0.3196, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **55.9143, 0.3335, 0.3633**, and if you desaturate by 10%, it is **57.7107, 0.3042, 0.3150**.

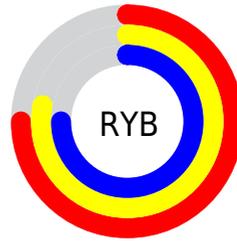
Distribution



Red (78%)

Green (78%)

Blue (75%)



Red (75%)

Yellow (78%)

Blue (75%)

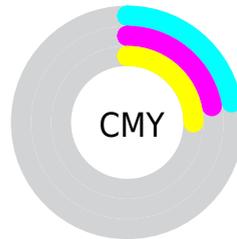


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7505, 0.3186, 0.3387 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 56.7505, 0.3186, 0.3387 by changing the saturation by 10% instead.

■ 56.7505, 0.3186,
0.3387

■ 56.7505, 0.3186,
0.3387

412.5137, 0.3158,
0.3340

■ 40.8050, 0.3193,
0.3398

■ 100.1010, 0.3176,
0.3370

■ 28.1667, 0.3201,
0.3413

128.2748, 0.3172,
0.3364

■ 18.4514, 0.3213,
0.3431

161.2935, 0.3169,
0.3358

■ 11.2745, 0.3228,
0.3457

199.5414, 0.3166,
0.3354

■ 6.2518, 0.3249,
0.3494

243.4030, 0.3163,
0.3350

■ 2.9988, 0.3283,
0.3551

293.2627, 0.3161,

■ 1.1311, 0.3341,

0.3346

0.3653

349.5048, 0.3159,
0.3343

0.0043, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7505, 0.3186,
0.3387

56.7505, 0.3186,
0.3387

55.9143, 0.3335,
0.3633

57.7107, 0.3042,
0.3150

55.1900, 0.3487,
0.3883

58.7920, 0.2907,
0.2926

54.5748, 0.3635,
0.4128

60.0011, 0.2781,
0.2718

54.0634, 0.3776,
0.4360

60.2968, 0.2755,
0.2676

■ 53.6498, 0.3903,
0.4569

■ 60.3180, 0.2755,
0.2676

■ 53.3275, 0.4011,
0.4745

■ 60.3392, 0.2755,
0.2677

■ 53.0890, 0.4095,
0.4883

■ 60.3604, 0.2755,
0.2677

■ 52.9259, 0.4153,
0.4978

■ 60.3816, 0.2755,
0.2678

■ 52.8280, 0.4186,
0.5031

■ 60.4029, 0.2755,
0.2678

Harmonies

Analogous

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



56.7505, 0.3224, 0.3374



56.7505, 0.3186, 0.3387



56.7505, 0.3132, 0.3374

Triad

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



56.7505, 0.3186, 0.3387



56.7505, 0.3019, 0.3241



56.7505, 0.3177, 0.3243

Complementary

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



56.7505, 0.3186, 0.3387



52.4616, 0.3067, 0.3191

Split Complementary

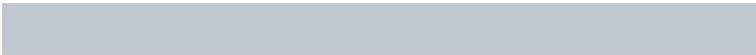
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.7505, 0.3122, 0.3208



56.7505, 0.3186, 0.3387



56.7505, 0.3031, 0.3207

Square

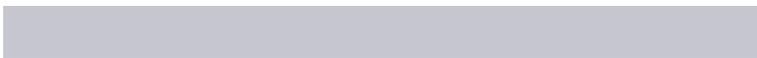
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7505, 0.3186, 0.3387



56.7505, 0.3036, 0.3289



56.7505, 0.3068, 0.3195



56.7505, 0.3219, 0.3290

Rectangle

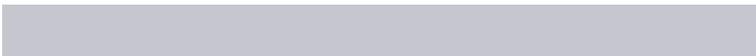
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7505, 0.3186, 0.3387



56.7505, 0.3095, 0.3352



56.7505, 0.3068, 0.3195



56.7505, 0.3159, 0.3230

Sweetspot

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



56.7530, 0.3186, 0.3387



99.8331, 0.3142, 0.3314



53.1664, 0.3192, 0.3289



21.3701, 0.3141, 0.3313



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.



56.7530, 0.3186, 0.3387



99.1870, 0.3201, 0.3412



56.2369, 0.3155, 0.3388



12.4835, 0.3209, 0.3426



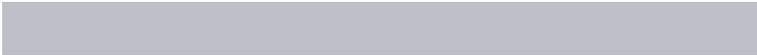
33.9391, 0.4197, 0.5049



1.6084, 0.4196, 0.5050

Inverse Universe

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



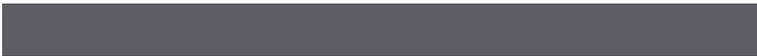
52.4616, 0.3067, 0.3191



89.8123, 0.3051, 0.3165



52.9637, 0.3098, 0.3192



11.1781, 0.3043, 0.3151



2.6597, 0.1501, 0.0602



0.1273, 0.1502, 0.0608

Previews

White Background



This preview shows how the Yxy color 56.7505, 0.3186, 0.3387 looks on a white background.

Color Contrast Check

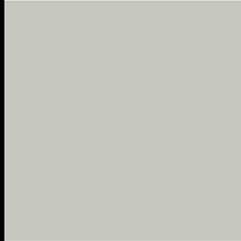
Large Text (above 18pt) WCAG AA × Fail

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 56.7505, 0.3186, 0.3387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

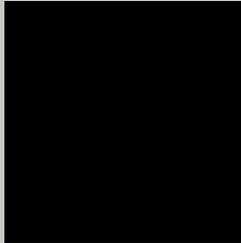
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

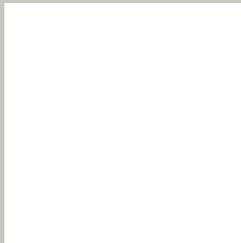
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7505, 0.3186, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 56.7505, 0.3186, 0.3387.



This preview shows how white text looks on a background with the Yxy color 56.7505, 0.3186, 0.3387.

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

56.7505, 0.3186, 0.3387

Protanopia

56.9432, 0.3234, 0.3386

Deuteranopia

56.7207, 0.3358, 0.3291



Tritanopia

56.7396, 0.3065, 0.3114

Trichromacy



Original Color

56.7505, 0.3186, 0.3387

Protanomaly

56.6624, 0.3218, 0.3386

Deuteranomaly

56.8330, 0.3288, 0.3326

Tritanomaly

56.7096, 0.3108, 0.3207

Monochromacy



Original Color

56.7505, 0.3186, 0.3387

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3341, 0.3149, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7505, 0.3186, 0.3387 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(199, 199, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 191)  
}
```

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(199, 199, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 191) }
```

Border

The CSS property to change the border of an element to Yxy 56.7505, 0.3186, 0.3387 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(199, 199, 191) }
```

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

```
.border{ border-color:rgb(199, 199, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
191) }
```

Background

The CSS property to change the background color of an element to Yxy 56.7505, 0.3186, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 191) }
```

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

```
.background{ background-color: rgb(199,  
199, 191) }
```

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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