

Converting Colors

$Yxy(56.0876, 0.3289, 0.3408)$

Have a look what the booklet for
Yxy(56.0876, 0.3289, 0.3408)
contains.

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Color

Yxy(56.2904, 0.3291, 0.3410)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFC4BA |
| RGB | 207, 196, 186 |
| RGB Percent | 81%, 77%, 73% |
| CMY | 0.1884, 0.2313, 0.2706 |
| CMYK | 0.00, 0.05, 0.10, 0.19 |
| HSL | 29°, 18%, 77% |
| HSV | 29°, 10%, 81% |
| XYZ | 54.3260, 56.2904, 54.4581 |
| YIQ | 198.1490, 9.7660, -0.7780 |

Conversions

Conversions Part 2

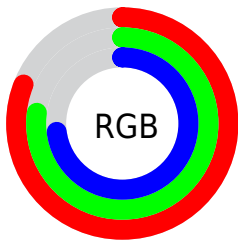
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 207, 205, 186 |
| Decimal | 13616314 |
| CIE Lab | 79.78, 2.11, 6.38 |
| CIE LCh | 80, 6.719, 71.717 |
| Yxy | 56.2904, 0.3291, 0.3410 |
| Android (android.graphics.Color) | 4291806394 (0xFFCFC4BA) |
| YUV | 198.1490, -5.9895, 7.7623 |
| Hunter-Lab | 75.0269, -2.0476, 9.4834 |

Details

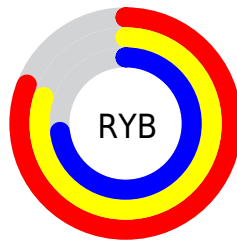
The Yxy color **56.2904, 0.3291, 0.3410** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8488, 0.2971, 0.3167**, and the grayscale version is **56.5982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9214, 0.3204, 0.3396**, and **27.8118, 0.3339, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **50.7750, 0.3477, 0.3535**, and if you desaturate by 10%, it is **62.2893, 0.3129, 0.3291**.

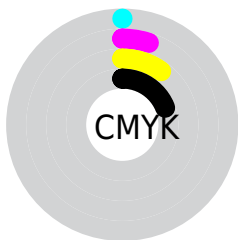
Distribution



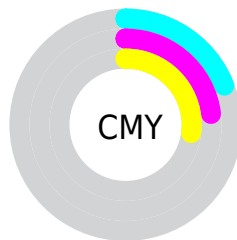
- Red (81%)
- Green (77%)
- Blue (73%)



- Red (81%)
- Yellow (80%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (19%)




- Cyan (19%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2904, 0.3291, 0.3410 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 56.2904, 0.3291, 0.3410 by changing the saturation by 10% instead.

 56.2904, 0.3291,
0.3410

 56.2904, 0.3291,
0.3410

410.7850, 0.3211,
0.3352

 40.4358, 0.3310,
0.3424


 99.4290, 0.3263,
0.3389

 27.8785, 0.3334,
0.3441


127.4819, 0.3252,
0.3382

 18.2341, 0.3366,
0.3464


160.3696, 0.3243,
0.3375

 11.1182, 0.3409,
0.3494

198.4766, 0.3235,
0.3369

 6.1464, 0.3471,
0.3538

242.1872, 0.3228,
0.3364

 2.9343, 0.3568,
0.3604

291.8859, 0.3222,

 1.0975, 0.3762,

0.3360

0.3741

347.9570, 0.3216,
0.3356

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.2904, 0.3291,
0.3410

56.2904, 0.3291,
0.3410

50.7750, 0.3477,
0.3535

62.2893, 0.3129,
0.3291

45.7228, 0.3688,
0.3665

68.7764, 0.2988,
0.3181

41.1229, 0.3925,
0.3793

75.7661, 0.2866,
0.3079

36.9611, 0.4187,
0.3914

82.3494, 0.2834,
0.3124

■ 33.2223, 0.4466,
0.4017

■ 88.8740, 0.2840,
0.3238

■ 29.8903, 0.4751,
0.4090

■ 91.9991, 0.2843,
0.3289

■ 26.9476, 0.5028,
0.4120

■ 24.3744, 0.5275,
0.4097

■ 22.1672, 0.5483,
0.4028

Harmonies

Analogous

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



56.2904, 0.3298, 0.3346



56.2904, 0.3291, 0.3410



56.2904, 0.3240, 0.3442

Triad

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



56.2904, 0.3291, 0.3410



56.2904, 0.2997, 0.3309



56.2904, 0.3094, 0.3152

Complementary

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



56.2904, 0.3291, 0.3410



54.8488, 0.2971, 0.3167

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.



56.2904, 0.3015, 0.3141



56.2904, 0.3291, 0.3410



56.2904, 0.2960, 0.3230

Square

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



56.2904, 0.3291, 0.3410



56.2904, 0.3070, 0.3384



56.2904, 0.2966, 0.3169



56.2904, 0.3183, 0.3199

Rectangle

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



56.2904, 0.3291, 0.3410



56.2904, 0.3188, 0.3441



56.2904, 0.2966, 0.3169



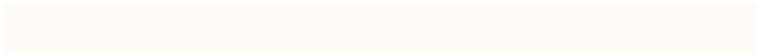
56.2904, 0.3065, 0.3144

Sweetspot

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



56.2929, 0.3291, 0.3410



96.9954, 0.3174, 0.3325



52.4184, 0.3215, 0.3157



20.5917, 0.3187, 0.3335



0.0000, 0.0000, 0.0000



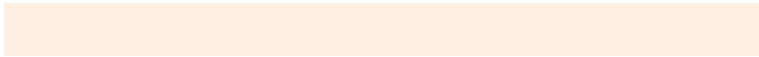
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2929, 0.3291, 0.3410



88.4116, 0.3327, 0.3435



61.0714, 0.3278, 0.3529



12.7271, 0.3279, 0.3401



14.1600, 0.5461, 0.4046



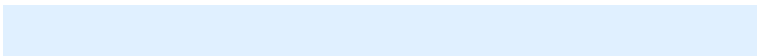
0.9502, 0.5168, 0.4278

Inverse Universe

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



54.8488, 0.2971, 0.3167



85.6721, 0.2940, 0.3141



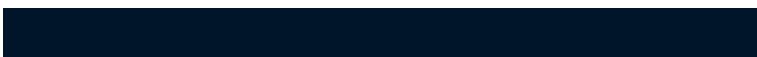
50.3574, 0.2970, 0.3039



12.4242, 0.2983, 0.3176



9.7946, 0.1795, 0.1663



0.7061, 0.1885, 0.1985

Previews

White Background



This preview shows how the Yxy color 56.2904, 0.3291, 0.3410 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 56.2904, 0.3291, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

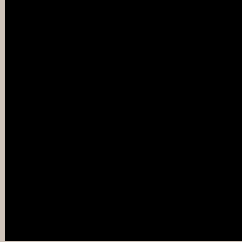
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2904, 0.3291, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 56.2904, 0.3291, 0.3410.



This preview shows how white text looks on a background with the Yxy color 56.2904, 0.3291, 0.3410.

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

56.2904, 0.3291, 0.3410

Protanopia

56.3577, 0.3258, 0.3410

Deuteranopia

56.2216, 0.3408, 0.3337



Tritanopia

56.3956, 0.3151, 0.3116

Trichromacy



Original Color

56.2904, 0.3291, 0.3410

Protanomaly

56.4995, 0.3266, 0.3410

Deuteranomaly

56.3267, 0.3363, 0.3361

Tritanomaly

56.3090, 0.3203, 0.3220

Monochromacy



Original Color

56.2904, 0.3291, 0.3410

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2451, 0.3181, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2904, 0.3291, 0.3410 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(207, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 186)  
}
```

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(207, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 186) }
```

Border

The CSS property to change the border of an element to Yxy 56.2904, 0.3291, 0.3410 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(207, 196, 186) }
```

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

```
.border{ border-color:rgb(207, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2904, 0.3291, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 186) }
```

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

```
.background{ background-color: rgb(207,  
196, 186) }
```

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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