

Converting Colors

$Yxy(56.6813, 0.3064, 0.3320)$

Have a look what the booklet for
Yxy(56.6813, 0.3064, 0.3320)
contains.

Yxy(56.7977, 0.3064, 0.3326)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7977, 0.3064, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	BEC9C6
RGB	190, 201, 198
RGB Percent	75%, 79%, 78%
CMY	0.2548, 0.2118, 0.2234
CMYK	0.05, 0.00, 0.01, 0.21
HSL	164°, 9%, 77%
HSV	164°, 5%, 79%
XYZ	52.3236, 56.7977, 61.6475
YIQ	197.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

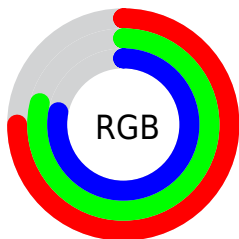
Format	Color
RYB	190, 196, 201
Decimal	12503494
CIELab	80.07, -4.29, 0.17
CIElCh	80, 4.295, 177.668
Yxy	56.7977, 0.3064, 0.3326
Android (android.graphics.Color)	4290693574 (0xFFBEC9C6)
YUV	197.3690, 0.3111, -6.4626
Hunter-Lab	75.3642, -7.9592, 4.2561

Details

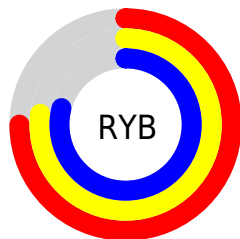
The Yxy color **56.7977, 0.3064, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1087, 0.3194, 0.3254**, and the grayscale version is **56.0752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **28.1994, 0.3053, 0.3339** is the 20% darker color. If you saturate the color by 10%, you get **54.1408, 0.2951, 0.3398**, and if you desaturate by 10%, it is **59.8254, 0.3180, 0.3262**.

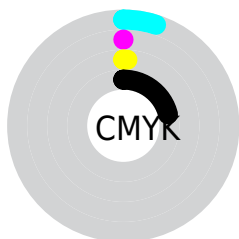
Distribution



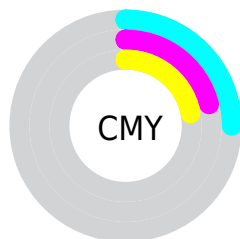
- Red (75%)
- Green (79%)
- Blue (78%)



- Red (75%)
- Yellow (77%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7977, 0.3064, 0.3326 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 56.7977, 0.3064, 0.3326 by changing the saturation by 10% instead.

■ 56.7977, 0.3064,
0.3326

■ 56.7977, 0.3064,
0.3326

412.6908, 0.3095,
0.3309

■ 40.8428, 0.3057,
0.3330

■ 100.1699, 0.3075,
0.3320

■ 28.1963, 0.3047,
0.3335

128.3561, 0.3079,
0.3317

■ 18.4737, 0.3035,
0.3342

161.3882, 0.3083,
0.3315

■ 11.2906, 0.3019,
0.3352

199.6506, 0.3086,
0.3314

■ 6.2627, 0.2995,
0.3365

243.5276, 0.3088,
0.3312

■ 3.0054, 0.2959,
0.3386

293.4037, 0.3091,

■ 1.1346, 0.2894,

0.3311

0.3422

349.6634, 0.3093,
0.3310

■ 0.0073, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7977, 0.3064,
0.3326

■ 56.7977, 0.3064,
0.3326

■ 54.1408, 0.2951,
0.3398

■ 59.8254, 0.3180,
0.3262

■ 51.8329, 0.2845,
0.3476

■ 63.2303, 0.3298,
0.3204

■ 49.8606, 0.2747,
0.3561

■ 67.0280, 0.3415,
0.3153

■ 48.2073, 0.2661,
0.3652

■ 68.1856, 0.3410,
0.3100

■ 46.8547, 0.2591,
0.3747

■ 68.4781, 0.3369,
0.3046

■ 45.7825, 0.2537,
0.3847

■ 68.7801, 0.3328,
0.2992

■ 44.9682, 0.2503,
0.3948

■ 69.0915, 0.3288,
0.2939

■ 44.3853, 0.2489,
0.4050

■ 69.4127, 0.3248,
0.2887

■ 44.0017, 0.2493,
0.4151

■ 69.7435, 0.3209,
0.2836

Harmonies

Analogous

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



56.7977, 0.3117, 0.3367



56.7977, 0.3064, 0.3326



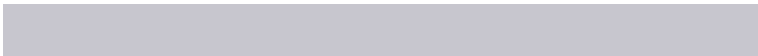
56.7977, 0.3028, 0.3275

Triad

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



56.7977, 0.3064, 0.3326



56.7977, 0.3081, 0.3195



56.7977, 0.3237, 0.3350

Complementary

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



56.7977, 0.3064, 0.3326



53.1087, 0.3194, 0.3254

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.



56.7977, 0.3227, 0.3304



56.7977, 0.3064, 0.3326



56.7977, 0.3137, 0.3215

Square

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



56.7977, 0.3064, 0.3326



56.7977, 0.3038, 0.3200



56.7977, 0.3191, 0.3255



56.7977, 0.3217, 0.3381

Rectangle

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



56.7977, 0.3064, 0.3326



56.7977, 0.3018, 0.3243



56.7977, 0.3191, 0.3255



56.7977, 0.3237, 0.3336

Sweetspot

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



56.8001, 0.3064, 0.3326



98.9570, 0.3104, 0.3303



56.8450, 0.3145, 0.3424



21.1918, 0.3105, 0.3303



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.



56.8001, 0.3064, 0.3326



96.4632, 0.3045, 0.3337



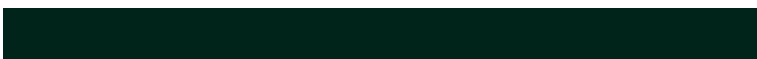
55.8399, 0.3044, 0.3261



12.1272, 0.3041, 0.3340



27.5985, 0.2495, 0.4182



1.3184, 0.2437, 0.3973

Inverse Universe

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



53.1087, 0.3194, 0.3254



88.3248, 0.3216, 0.3243



54.0149, 0.3215, 0.3319



11.0468, 0.3222, 0.3241



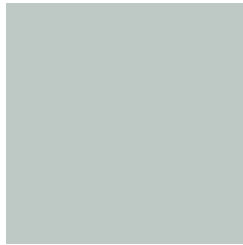
7.9907, 0.5841, 0.2991



0.3909, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 56.7977, 0.3064, 0.3326 looks on a white background.

Color Contrast Check

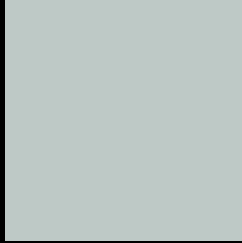
Large Text (above 18pt) WCAG AA × Fail

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 56.7977, 0.3064, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

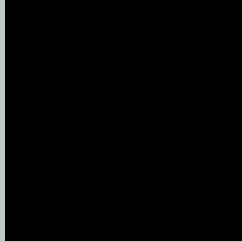
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

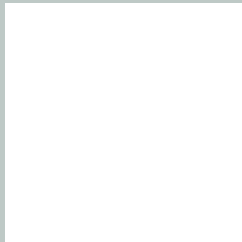
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7977, 0.3064, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 56.7977, 0.3064, 0.3326.



This preview shows how white text looks on a background with the Yxy color 56.7977, 0.3064, 0.3326.

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

56.7977, 0.3064, 0.3326

Protanopia

56.4746, 0.3174, 0.3302

Deuteranopia

56.6211, 0.3270, 0.3198



Tritanopia

57.0393, 0.2975, 0.3111

Trichromacy



Original Color

56.7977, 0.3064, 0.3326

Protanomaly

56.4252, 0.3134, 0.3302

Deuteranomaly

56.4191, 0.3193, 0.3243

Tritanomaly

57.0691, 0.3009, 0.3194

Monochromacy



Original Color

56.7977, 0.3064, 0.3326

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8887, 0.3103, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7977, 0.3064, 0.3326 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(190, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(190, 201, 198)  
}
```

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(190, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 201, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.7977, 0.3064, 0.3326 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(190, 201, 198) }
```

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

```
.border{ border-color:rgb(190, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(190, 201,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7977, 0.3064, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 201, 198) }
```

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

```
.background{ background-color: rgb(190,  
201, 198) }
```

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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