

Converting Colors

Yxy(55.6892, 0.3261, 0.3511)

Have a look what the booklet for
Yxy(55.6892, 0.3261, 0.3511)
contains.

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Color

Yxy(55.6892, 0.3261, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	C6C6B4
RGB	198, 198, 180
RGB Percent	78%, 78%, 71%
CMY	0.2235, 0.2235, 0.2941
CMYK	0.00, 0.00, 0.09, 0.22
HSL	60°, 14%, 74%
HSV	60°, 9%, 78%
XYZ	51.7239, 55.6892, 51.2004
YIQ	195.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

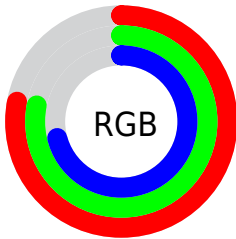
Format	Color
RYB	180, 198, 180
Decimal	13026996
CIELab	79.44, -3.15, 9.02
CIELCh	79, 9.555, 109.255
Yxy	55.6892, 0.3261, 0.3511
Android (android.graphics.Color)	4291217076 (0xFFC6C6B4)
YUV	195.9480, -7.8624, 1.7996
Hunter-Lab	74.6252, -6.8730, 11.5587

Details

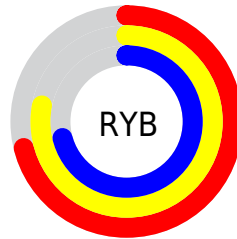
The Yxy color **55.6892, 0.3261, 0.3511** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4291, 0.2987, 0.3059**, and the grayscale version is **55.2170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **27.4081, 0.3297, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **54.9327, 0.3412, 0.3760**, and if you desaturate by 10%, it is **56.5658, 0.3114, 0.3269**.

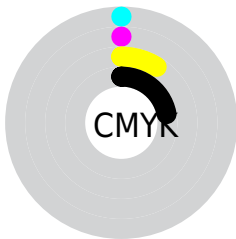
Distribution



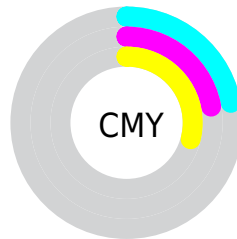
- Red (78%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (22%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6892, 0.3261, 0.3511 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 55.6892, 0.3261, 0.3511 by changing the saturation by 10% instead.


 55.6892, 0.3261,
0.3511

 55.6892, 0.3261,
0.3511


408.5192, 0.3196,
0.3403

 39.9538, 0.3276,
0.3537


 98.5500, 0.3238,
0.3472

 27.5025, 0.3296,
0.3570


126.4442, 0.3229,
0.3458

 17.9510, 0.3321,
0.3614


159.1601, 0.3222,
0.3445

 10.9148, 0.3355,
0.3674

197.0821, 0.3215,
0.3434

 6.0096, 0.3404,
0.3760

240.5946, 0.3210,
0.3425

 2.8509, 0.3478,
0.3895

290.0821, 0.3205,

 1.0544, 0.3703,

0.3417

0.4253

345.9288, 0.3200,
0.3410

0.0000, 0.0000,
0.0000

55.6892, 0.3261,
0.3511

55.6892, 0.3261,
0.3511

54.9327, 0.3412,
0.3760

56.5658, 0.3114,
0.3269

54.2843, 0.3562,
0.4008

57.5599, 0.2974,
0.3038

53.7410, 0.3708,
0.4248

58.6782, 0.2843,
0.2821

53.2974, 0.3842,
0.4470

59.6511, 0.2747,
0.2662

52.9472, 0.3959,
0.4664

59.6597, 0.2747,
0.2662

■ 52.6835, 0.4055,
0.4822

■ 59.6684, 0.2747,
0.2662

■ 52.4988, 0.4126,
0.4938

■ 59.6770, 0.2747,
0.2663

■ 52.3837, 0.4170,
0.5011

■ 59.6857, 0.2747,
0.2663

■ 52.3226, 0.4193,
0.5048

■ 59.6943, 0.2747,
0.2663

Harmonies

Analogous

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



55.6892, 0.3348, 0.3477



55.6892, 0.3261, 0.3511



55.6892, 0.3139, 0.3483

Triad

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



55.6892, 0.3261, 0.3511



55.6892, 0.2885, 0.3178



55.6892, 0.3237, 0.3183

Complementary

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



55.6892, 0.3261, 0.3511



46.4291, 0.2987, 0.3059

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.



55.6892, 0.3111, 0.3107



55.6892, 0.3261, 0.3511



55.6892, 0.2910, 0.3102

Square

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



55.6892, 0.3261, 0.3511



55.6892, 0.2924, 0.3287



55.6892, 0.2992, 0.3077



55.6892, 0.3335, 0.3287

Rectangle

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



55.6892, 0.3261, 0.3511



55.6892, 0.3055, 0.3433



55.6892, 0.2992, 0.3077



55.6892, 0.3197, 0.3153

Sweetspot

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



55.6916, 0.3261, 0.3511



99.5124, 0.3171, 0.3363



47.9568, 0.3282, 0.3287



21.2726, 0.3183, 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.



55.6916, 0.3261, 0.3511



98.3062, 0.3292, 0.3562



54.5495, 0.3190, 0.3516



12.4152, 0.3265, 0.3518



34.0177, 0.4195, 0.5051



1.6113, 0.4194, 0.5052

Inverse Universe

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



46.4291, 0.2987, 0.3059



78.4682, 0.2953, 0.3003



47.5006, 0.3059, 0.3064



10.2891, 0.2983, 0.3051



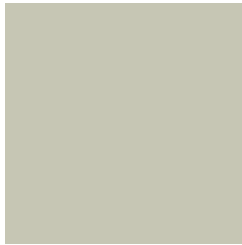
2.6549, 0.1500, 0.0601



0.1263, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 55.6892, 0.3261, 0.3511 looks on a white background.

Color Contrast Check

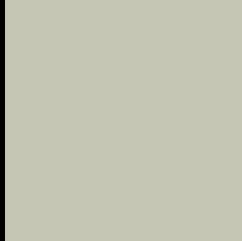
Large Text (above 18pt) WCAG AA × Fail

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 55.6892, 0.3261, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

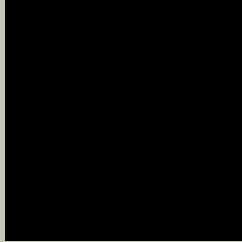
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

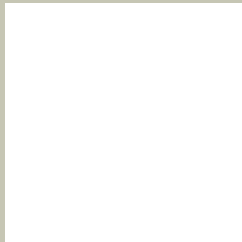
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6892, 0.3261, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 55.6892, 0.3261, 0.3511.



This preview shows how white text looks on a background with the Yxy color 55.6892, 0.3261, 0.3511.

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

55.6892, 0.3261, 0.3511

Protanopia

55.5719, 0.3321, 0.3496

Deuteranopia

55.5765, 0.3451, 0.3384



Tritanopia

55.7436, 0.3080, 0.3113

Trichromacy



Original Color

55.6892, 0.3261, 0.3511

Protanomaly

55.7437, 0.3303, 0.3509

Deuteranomaly

55.6223, 0.3385, 0.3433

Tritanomaly

55.5249, 0.3153, 0.3254

Monochromacy



Original Color

55.6892, 0.3261, 0.3511

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.5205, 0.3179, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6892, 0.3261, 0.3511 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(198, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 180)  
}
```

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(198, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 180) }
```

Border

The CSS property to change the border of an element to Yxy 55.6892, 0.3261, 0.3511 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(198, 198, 180) }
```

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

```
.border{ border-color:rgb(198, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6892, 0.3261, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 180) }
```

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

```
.background{ background-color: rgb(198,  
198, 180) }
```

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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