

Converting Colors

Yxy(54.5944, 0.3220, 0.3565)

Have a look what the booklet for
Yxy(54.5944, 0.3220, 0.3565)
contains.

Yxy(54.4699, 0.3226, 0.3566)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.4699, 0.3226, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	BEC6B0
RGB	190, 198, 176
RGB Percent	75%, 78%, 69%
CMY	0.2547, 0.2236, 0.3097
CMYK	0.04, 0.00, 0.11, 0.22
HSL	82°, 16%, 73%
HSV	82°, 11%, 78%
XYZ	49.2765, 54.4699, 49.0015
YIQ	193.1000, 2.2940, -8.5380

Conversions

Conversions Part 2

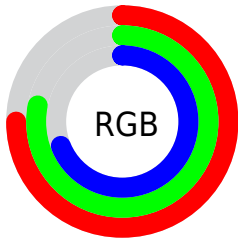
Format	Color
RYB	176, 198, 184
Decimal	12502704
CIELab	78.73, -6.67, 10.07
CIELCh	79, 12.078, 123.517
Yxy	54.4699, 0.3226, 0.3566
Android (android.graphics.Color)	4290692784 (0xFFBEC6B0)
YUV	193.1000, -8.4303, -2.7187
Hunter-Lab	73.8037, -9.9776, 12.2974

Details

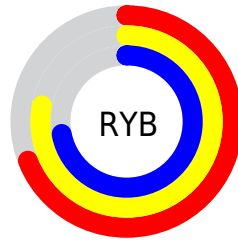
The Yxy color **54.4699, 0.3226, 0.3566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3216, 0.3020, 0.3010**, and the grayscale version is **53.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9390, 0.3204, 0.3516**, and **26.6949, 0.3261, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **52.8454, 0.3315, 0.3832**, and if you desaturate by 10%, it is **56.2587, 0.3137, 0.3316**.

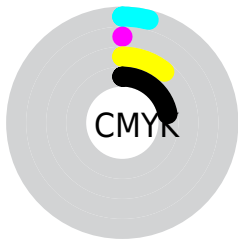
Distribution



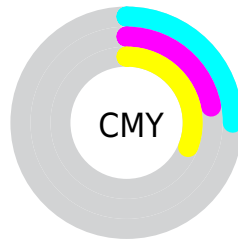
- Red (75%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (25%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4699, 0.3226, 0.3566 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 54.4699, 0.3226, 0.3566 by changing the saturation by 10% instead.


 54.4699, 0.3226,
0.3566

 54.4699, 0.3226,
0.3566


403.8994, 0.3179,
0.3430

 38.9775, 0.3237,
0.3599

 96.7638, 0.3209,
0.3517

 26.7422, 0.3251,
0.3642


124.3341, 0.3203,
0.3498

 17.3797, 0.3269,
0.3698


156.6992, 0.3197,
0.3483

 10.5056, 0.3293,
0.3776

194.2434, 0.3193,
0.3469

 5.7354, 0.3327,
0.3890

237.3511, 0.3189,
0.3457

 2.6849, 0.3376,
0.4072

286.4067, 0.3185,

 0.9695, 0.3645,

0.3447

0.4673

341.7947, 0.3182,
0.3438

0.0000, 0.0000,
0.0000

54.4699, 0.3226,
0.3566

54.4699, 0.3226,
0.3566

52.8454, 0.3315,
0.3832

56.2587, 0.3137,
0.3316

51.3726, 0.3401,
0.4109

58.2099, 0.3050,
0.3085

50.0478, 0.3479,
0.4391

60.3309, 0.2967,
0.2875

48.8646, 0.3545,
0.4666

62.6125, 0.2889,
0.2686

47.8162, 0.3594,
0.4922

63.7442, 0.2940,
0.2695

■ 46.8947, 0.3621,
0.5148

■ 64.9241, 0.2992,
0.2704

■ 46.0916, 0.3625,
0.5331

■ 66.1528, 0.3044,
0.2713

■ 45.3964, 0.3604,
0.5464

■ 67.4310, 0.3096,
0.2722

■ 44.8519, 0.3570,
0.5548

■ 68.7591, 0.3149,
0.2731

Harmonies

Analogous

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



54.4699, 0.3364, 0.3558



54.4699, 0.3226, 0.3566



54.4699, 0.3065, 0.3495

Triad

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



54.4699, 0.3226, 0.3566



54.4699, 0.2825, 0.3093



54.4699, 0.3334, 0.3214

Complementary

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



54.4699, 0.3226, 0.3566



45.3216, 0.3020, 0.3010

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.



54.4699, 0.3184, 0.3098



54.4699, 0.3226, 0.3566



54.4699, 0.2893, 0.3027

Square

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



54.4699, 0.3226, 0.3566



54.4699, 0.2836, 0.3216



54.4699, 0.3023, 0.3030



54.4699, 0.3427, 0.3352

Rectangle

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



54.4699, 0.3226, 0.3566



54.4699, 0.2965, 0.3412



54.4699, 0.3023, 0.3030



54.4699, 0.3288, 0.3171

Sweetspot

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



54.4723, 0.3226, 0.3566



98.9964, 0.3154, 0.3364



49.3006, 0.3312, 0.3387



21.1329, 0.3161, 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.



54.4723, 0.3226, 0.3566



95.8440, 0.3245, 0.3621



53.1402, 0.3140, 0.3573



12.2179, 0.3211, 0.3522



29.2216, 0.3578, 0.5541



1.4234, 0.3708, 0.5438

Inverse Universe

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



45.3216, 0.3020, 0.3010



76.8467, 0.2998, 0.2954



46.6974, 0.3112, 0.3018



10.4709, 0.3038, 0.3055



3.5808, 0.1794, 0.0762



0.2104, 0.2036, 0.0895

Previews

White Background



This preview shows how the Yxy color 54.4699, 0.3226, 0.3566 looks on a white background.

Color Contrast Check

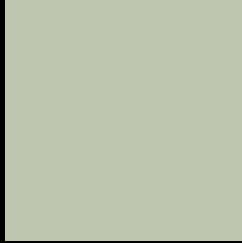
Large Text (above 18pt) WCAG AA × Fail

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 54.4699, 0.3226, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

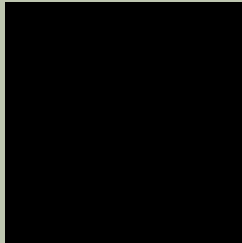
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

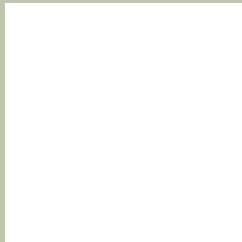
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4699, 0.3226, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 54.4699, 0.3226, 0.3566.



This preview shows how white text looks on a background with the Yxy color 54.4699, 0.3226, 0.3566.

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

54.4699, 0.3226, 0.3566

Protanopia

54.3361, 0.3354, 0.3535

Deuteranopia

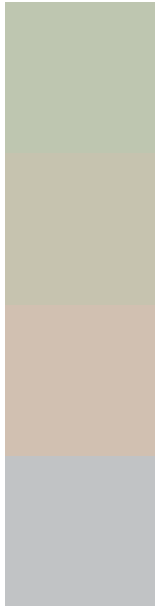
54.3964, 0.3479, 0.3408



Tritanopia

54.3455, 0.3026, 0.3098

Trichromacy



Original Color

54.4699, 0.3226, 0.3566

Protanomaly

54.1311, 0.3303, 0.3538

Deuteranomaly

54.4289, 0.3385, 0.3471

Tritanomaly

54.3989, 0.3097, 0.3265

Monochromacy



Original Color

54.4699, 0.3226, 0.3566

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8245, 0.3163, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4699, 0.3226, 0.3566 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, 198, 176)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 176)  
}
```

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, 198, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.4699, 0.3226, 0.3566 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, 198, 176) }
```

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

```
.border{ border-color:rgb(190, 198, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 176);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4699, 0.3226, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 176) }
```

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

```
.background{ background-color: rgb(190,  
198, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor