

Converting Colors

Yxy(55.1541, 0.3227, 0.3671)

Have a look what the booklet for
Yxy(55.1541, 0.3227, 0.3671)
contains.

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Color

Yxy(55.1527, 0.3227, 0.3671)

Conversions

Conversions Part 1

Format	Color
Hex	BAC9AB
RGB	186, 201, 171
RGB Percent	73%, 79%, 67%
CMY	0.2706, 0.2117, 0.3295
CMYK	0.07, 0.00, 0.15, 0.21
HSL	90°, 22%, 73%
HSV	90°, 15%, 79%
XYZ	48.4821, 55.1527, 46.6041
YIQ	193.0950, 0.6900, -12.5100

Conversions

Conversions Part 2

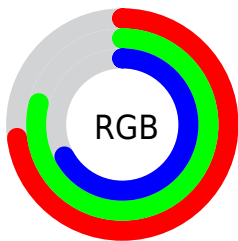
Format	Color
RYB	171, 201, 186
Decimal	12241323
CIELab	79.13, -10.54, 13.29
CIELCh	79, 16.962, 128.411
Yxy	55.1527, 0.3227, 0.3671
Android (android.graphics.Color)	4290431403 (0xFFBAC9AB)
YUV	193.0950, -10.8928, -6.2223
Hunter-Lab	74.2649, -13.4339, 14.7786

Details

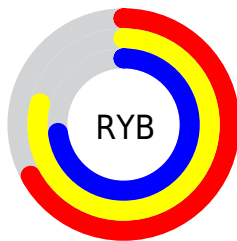
The Yxy color **55.1527, 0.3227, 0.3671** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.7722, 0.3014, 0.2909**, and the grayscale version is **53.4510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8882, 0.3214, 0.3579**, and **27.1859, 0.3251, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **53.2308, 0.3292, 0.3950**, and if you desaturate by 10%, it is **57.2846, 0.3160, 0.3411**.

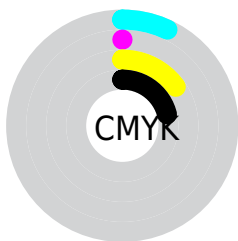
Distribution



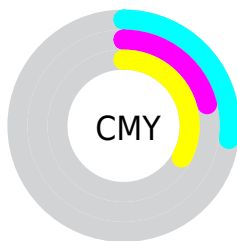
- Red (73%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (79%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1527, 0.3227, 0.3671 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 55.1527, 0.3227, 0.3671 by changing the saturation by 10% instead.

■ 55.1527, 0.3227,
0.3671

■ 55.1527, 0.3227,
0.3671

406.4905, 0.3180,
0.3482

■ 39.5240, 0.3238,
0.3718

■ 97.7646, 0.3211,
0.3603

■ 27.1676, 0.3251,
0.3777

125.5167, 0.3204,
0.3577

■ 17.6991, 0.3267,
0.3856

158.0786, 0.3199,
0.3555

■ 10.7342, 0.3289,
0.3964

195.8348, 0.3194,
0.3537

■ 5.8884, 0.3316,
0.4124

239.1697, 0.3190,
0.3520

■ 2.7773, 0.3353,
0.4380

288.4677, 0.3187,

■ 1.0166, 0.3719,

0.3506

0.5376

344.1132, 0.3183,
0.3493

0.0000, 0.0000,
0.0000

55.1527, 0.3227,
0.3671

55.1527, 0.3227,
0.3671

53.2308, 0.3292,
0.3950

57.2846, 0.3160,
0.3411

51.5046, 0.3351,
0.4244

59.6260, 0.3094,
0.3172

49.9690, 0.3401,
0.4543

62.1856, 0.3029,
0.2956

48.6160, 0.3438,
0.4835

64.9695, 0.2967,
0.2762

47.4367, 0.3457,
0.5107

66.8761, 0.3016,
0.2739

■ 46.4215, 0.3456,
0.5343

■ 68.6486, 0.3088,
0.2751

■ 45.5593, 0.3432,
0.5530

■ 70.2586, 0.3152,
0.2762

■ 44.8372, 0.3388,
0.5661

■ 44.5142, 0.3362,
0.5713

Harmonies

Analogous

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



55.1527, 0.3430, 0.3675



55.1527, 0.3227, 0.3671



55.1527, 0.3003, 0.3553

Triad

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



55.1527, 0.3227, 0.3671



55.1527, 0.2716, 0.2992



55.1527, 0.3445, 0.3213

Complementary

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



55.1527, 0.3227, 0.3671



43.7722, 0.3014, 0.2909

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.



55.1527, 0.3243, 0.3047



55.1527, 0.3227, 0.3671



55.1527, 0.2825, 0.2919

Square

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



55.1527, 0.3227, 0.3671



55.1527, 0.2713, 0.3151



55.1527, 0.3016, 0.2940



55.1527, 0.3560, 0.3404

Rectangle

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



55.1527, 0.3227, 0.3671



55.1527, 0.2871, 0.3428



55.1527, 0.3016, 0.2940



55.1527, 0.3384, 0.3153

Sweetspot

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



55.1551, 0.3227, 0.3671



98.4055, 0.3154, 0.3389



50.4729, 0.3376, 0.3477



21.0001, 0.3159, 0.3408



0.0000, 0.0000, 0.0000



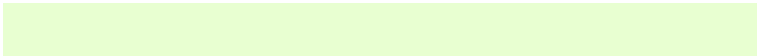
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1551, 0.3227, 0.3671



93.2909, 0.3249, 0.3762



53.3727, 0.3109, 0.3685



12.1439, 0.3190, 0.3524



28.0398, 0.3372, 0.5705



1.3707, 0.3533, 0.5577

Inverse Universe

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



43.7722, 0.3014, 0.2909



70.0359, 0.2986, 0.2819



45.7523, 0.3144, 0.2924



10.5437, 0.3060, 0.3057



4.4291, 0.2033, 0.0893



0.2528, 0.2263, 0.1020

Previews

White Background



This preview shows how the Yxy color 55.1527, 0.3227, 0.3671 looks on a white background.

Color Contrast Check

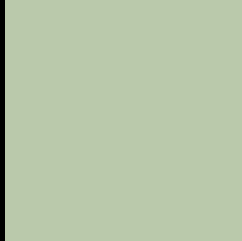
Large Text (above 18pt) WCAG AA × Fail

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 55.1527, 0.3227, 0.3671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

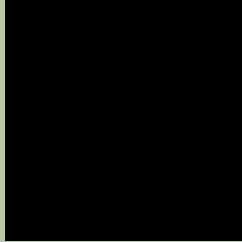
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

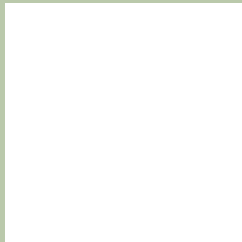
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1527, 0.3227, 0.3671

Background



This preview shows how black text looks on a background with the Yxy color 55.1527, 0.3227, 0.3671.



This preview shows how white text looks on a background with the Yxy color 55.1527, 0.3227, 0.3671.

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

55.1527, 0.3227, 0.3671

Protanopia

54.9792, 0.3425, 0.3619

Deuteranopia

55.1003, 0.3544, 0.3477



Tritanopia

54.9398, 0.2988, 0.3097

Trichromacy



Original Color

55.1527, 0.3227, 0.3671

Protanomaly

54.9392, 0.3354, 0.3636

Deuteranomaly

54.8201, 0.3431, 0.3543

Tritanomaly

54.8652, 0.3079, 0.3302

Monochromacy



Original Color

55.1527, 0.3227, 0.3671

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9298, 0.3161, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1527, 0.3227, 0.3671 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(186, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 171)  
}
```

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(186, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.1527, 0.3227, 0.3671 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(186, 201, 171) }
```

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

```
.border{ border-color:rgb(186, 201, 171) }
```

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

Here you see how a box with a 4 pixel rgb(186, 201, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 201,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1527, 0.3227, 0.3671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 171) }
```

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

```
.background{ background-color: rgb(186,  
201, 171) }
```

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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