

Converting Colors

$Yxy(55.9136, 0.3029, 0.3897)$

Have a look what the booklet for
Yxy(55.9136, 0.3029, 0.3897)
contains.

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Color

Yxy(55.7784, 0.3027, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	9BD2A5
RGB	155, 210, 165
RGB Percent	61%, 82%, 65%
CMY	0.3924, 0.1764, 0.3529
CMYK	0.26, 0.00, 0.21, 0.18
HSL	131°, 38%, 72%
HSV	131°, 26%, 82%
XYZ	43.3482, 55.7784, 44.0785
YIQ	188.4250, -18.3350, -25.6550

Conversions

Conversions Part 2

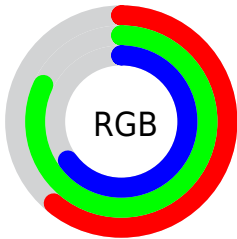
Format	Color
RYB	155, 202, 210
Decimal	10212005
CIELab	79.49, -26.71, 16.68
CIELCh	79, 31.495, 148.016
Yxy	55.7784, 0.3027, 0.3895
Android (android.graphics.Color)	4288402085 (0xFF9BD2A5)
YUV	188.4250, -11.5485, -29.3137
Hunter-Lab	74.6849, -27.0947, 17.2869

Details

The Yxy color **55.7784, 0.3027, 0.3895** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.2979, 0.3247, 0.2752**, and the grayscale version is **50.6140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3889, 0.3049, 0.3662**, and **27.4597, 0.2990, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **53.2974, 0.2991, 0.4173**, and if you desaturate by 10%, it is **58.7093, 0.3065, 0.3642**.

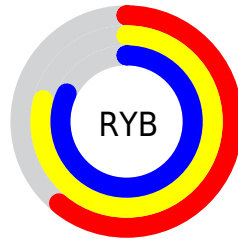
Distribution



Red (61%)

Green (82%)

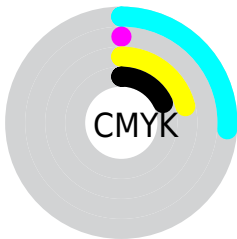
Blue (65%)



Red (61%)

Yellow (79%)

Blue (82%)

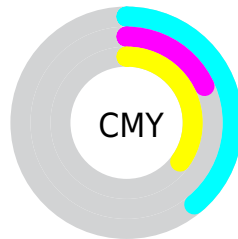


Cyan (26%)

Magenta (0%)

Yellow (21%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7784, 0.3027, 0.3895 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 55.7784, 0.3027, 0.3895 by changing the saturation by 10% instead.


 55.7784, 0.3027,
0.3895

 55.7784, 0.3027,
0.3895


408.8558, 0.3081,
0.3590

 40.0253, 0.3012,
0.3972


 98.6805, 0.3048,
0.3784

 27.5583, 0.2992,
0.4071


 126.5983, 0.3055,
0.3742

 17.9929, 0.2964,
0.4203


159.3397, 0.3062,
0.3707

 10.9449, 0.2923,
0.4388

197.2892, 0.3067,
0.3677

 6.0298, 0.2857,
0.4665

240.8312, 0.3071,
0.3651

 2.8632, 0.2736,
0.5119

290.3500, 0.3075,

 1.0607, 0.2460,

0.3628

0.7540


346.2301, 0.3078,
0.3608

 0.0000, 0.0000,
0.0000


 55.7784, 0.3027,
0.3895


 55.7784, 0.3027,
0.3895

 53.2974, 0.2991,
0.4173


 58.7093, 0.3065,
0.3642


 51.2373, 0.2960,
0.4470

 62.1036, 0.3104,
0.3417


 49.5765, 0.2936,
0.4777

 65.9828, 0.3141,
0.3218

 48.2886, 0.2921,
0.5080

 70.3651, 0.3178,
0.3045

 47.3441, 0.2919,
0.5360

 74.3155, 0.3176,
0.2890

■ 46.7087, 0.2928,
0.5599

■ 74.5806, 0.3148,
0.2851

■ 46.3399, 0.2948,
0.5783

■ 46.2427, 0.2955,
0.5839

Harmonies

Analogous

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



55.7784, 0.3439, 0.4038



55.7784, 0.3027, 0.3895



55.7784, 0.2659, 0.3551

Triad

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



55.7784, 0.3027, 0.3895



55.7784, 0.2492, 0.2643



55.7784, 0.3884, 0.3359

Complementary

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



55.7784, 0.3027, 0.3895



41.2979, 0.3247, 0.2752

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.



55.7784, 0.3597, 0.3034



55.7784, 0.3027, 0.3895



55.7784, 0.2784, 0.2635

Square

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



55.7784, 0.3027, 0.3895



55.7784, 0.2365, 0.2818



55.7784, 0.3186, 0.2776



55.7784, 0.3950, 0.3689

Rectangle

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



55.7784, 0.3027, 0.3895



55.7784, 0.2483, 0.3277



55.7784, 0.3186, 0.2776



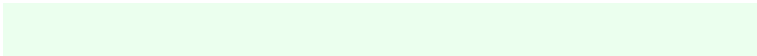
55.7784, 0.3810, 0.3247

Sweetspot

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



55.7807, 0.3027, 0.3895



95.3063, 0.3096, 0.3457



60.8604, 0.3446, 0.3957



20.2223, 0.3090, 0.3490



0.0000, 0.0000, 0.0000



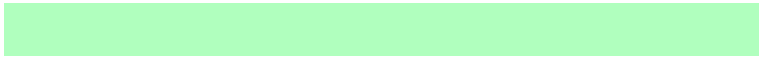
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7807, 0.3027, 0.3895



84.4786, 0.3008, 0.4035



56.8548, 0.2857, 0.3529



13.2410, 0.3091, 0.3486



28.2136, 0.2950, 0.5819



1.5884, 0.2859, 0.5492

Inverse Universe

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



41.2979, 0.3247, 0.2752



58.6163, 0.3275, 0.2646



40.1585, 0.3500, 0.3064



11.9705, 0.3165, 0.3102



10.1806, 0.3728, 0.1828



0.5791, 0.3617, 0.1766

Previews

White Background



This preview shows how the Yxy color 55.7784, 0.3027, 0.3895 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 55.7784, 0.3027, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

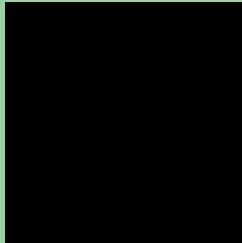
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7784, 0.3027, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 55.7784, 0.3027, 0.3895.



This preview shows how white text looks on a background with the Yxy color 55.7784, 0.3027, 0.3895.

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

55.7784, 0.3027, 0.3895

Protanopia

55.3584, 0.3518, 0.3751

Deuteranopia

55.2673, 0.3595, 0.3522



Tritanopia

55.8257, 0.2749, 0.3090

Trichromacy



Original Color

55.7784, 0.3027, 0.3895

Protanomaly

55.1653, 0.3325, 0.3797

Deuteranomaly

55.0390, 0.3370, 0.3648

Tritanomaly

55.8432, 0.2849, 0.3379

Monochromacy



Original Color

55.7784, 0.3027, 0.3895

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

52.0052, 0.3086, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7784, 0.3027, 0.3895 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(155, 210, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 210, 165)  
}
```

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(155, 210, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 210, 165) }
```

Border

The CSS property to change the border of an element to Yxy 55.7784, 0.3027, 0.3895 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(155, 210, 165) }
```

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

```
.border{ border-color:rgb(155, 210, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 210, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 210, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 210, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 210,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7784, 0.3027, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 210, 165) }
```

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

```
.background{ background-color: rgb(155,  
210, 165) }
```

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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