

Converting Colors

Yxy(53.8954, 0.3144, 0.3785)

Have a look what the booklet for
Yxy(53.8954, 0.3144, 0.3785)
contains.

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Color

Yxy(53.9745, 0.3142, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	AACBA5
RGB	170, 203, 165
RGB Percent	67%, 80%, 65%
CMY	0.3331, 0.2040, 0.3529
CMYK	0.16, 0.00, 0.19, 0.20
HSL	112°, 27%, 72%
HSV	112°, 19%, 80%
XYZ	44.7343, 53.9745, 43.6665
YIQ	188.8010, -7.4700, -18.8140

Conversions

Conversions Part 2

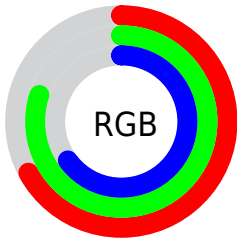
Format	Color
RYB	165, 203, 198
Decimal	11193253
CIELab	78.45, -18.17, 15.35
CIELCh	78, 23.786, 139.807
Yxy	53.9745, 0.3142, 0.3791
Android (android.graphics.Color)	4289383333 (0xFFAACBA5)
YUV	188.8010, -11.7339, -16.4885
Hunter-Lab	73.4673, -19.8790, 16.1871

Details

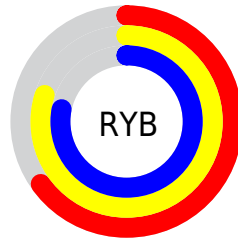
The Yxy color **53.9745, 0.3142, 0.3791** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2294, 0.3104, 0.2824**, and the grayscale version is **50.8474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8561, 0.3147, 0.3651**, and **26.4691, 0.3137, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **51.4615, 0.3146, 0.4102**, and if you desaturate by 10%, it is **56.8724, 0.3135, 0.3510**.

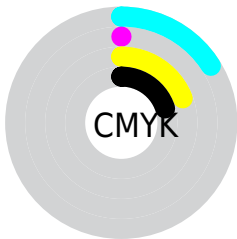
Distribution



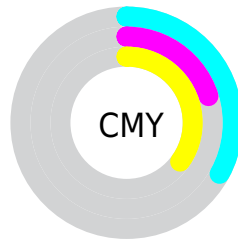
- Red (67%)
- Green (80%)
- Blue (65%)



- Red (65%)
- Yellow (80%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)




- Cyan (33%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9745, 0.3142, 0.3791 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 53.9745, 0.3142, 0.3791 by changing the saturation by 10% instead.

 53.9745, 0.3142,
0.3791

 53.9745, 0.3142,
0.3791

402.0128, 0.3139,
0.3539

 38.5813, 0.3142,
0.3854

 96.0368, 0.3142,
0.3699

 26.4341, 0.3140,
0.3935


 123.4747, 0.3141,
0.3665

 17.1487, 0.3138,
0.4044


155.6962, 0.3141,
0.3636

 10.3406, 0.3131,
0.4195

193.0858, 0.3140,
0.3611

 5.6253, 0.3117,
0.4421

236.0279, 0.3140,
0.3589

 2.6186, 0.3079,
0.4793

284.9068, 0.3139,

 0.9360, 0.3224,

0.3571

0.6776

340.1070, 0.3139,
0.3554

■ 0.0000, 0.0000,
0.0000

■ 53.9745, 0.3142,
0.3791

■ 53.9745, 0.3142,
0.3791

■ 51.4615, 0.3146,
0.4102

■ 56.8724, 0.3135,
0.3510

■ 49.3106, 0.3147,
0.4435

■ 60.1631, 0.3126,
0.3259

■ 47.5070, 0.3142,
0.4780

■ 63.8632, 0.3116,
0.3040

■ 46.0323, 0.3131,
0.5118

■ 67.9861, 0.3105,
0.2848

■ 44.8664, 0.3113,
0.5426

■ 71.1878, 0.3151,
0.2782

■ 43.9870, 0.3090,
0.5679

■ 43.3685, 0.3063,
0.5859

■ 42.9772, 0.3036,
0.5963

■ 42.9393, 0.3033,
0.5974

Harmonies

Analogous

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



53.9745, 0.3451, 0.3855



53.9745, 0.3142, 0.3791



53.9745, 0.2840, 0.3568

Triad

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



53.9745, 0.3142, 0.3791



53.9745, 0.2595, 0.2817



53.9745, 0.3658, 0.3278

Complementary

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



53.9745, 0.3142, 0.3791



43.2294, 0.3104, 0.2824

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.



53.9745, 0.3407, 0.3031



53.9745, 0.3142, 0.3791



53.9745, 0.2792, 0.2770

Square

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



53.9745, 0.3142, 0.3791



53.9745, 0.2534, 0.2992



53.9745, 0.3087, 0.2849



53.9745, 0.3759, 0.3539

Rectangle

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



53.9745, 0.3142, 0.3791



53.9745, 0.2681, 0.3370



53.9745, 0.3087, 0.2849



53.9745, 0.3588, 0.3191

Sweetspot

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



53.9768, 0.3142, 0.3791



96.6224, 0.3133, 0.3441



55.7681, 0.3417, 0.3693



20.6057, 0.3133, 0.3458



0.0000, 0.0000, 0.0000



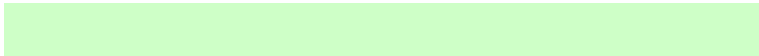
21.4041, 0.3127, 0.3290

Same Dimension

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



53.9768, 0.3142, 0.3791



88.8083, 0.3144, 0.3899



53.9616, 0.3008, 0.3606



12.6070, 0.3135, 0.3528



27.3517, 0.3038, 0.5970



1.4350, 0.3138, 0.5890

Inverse Universe

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



43.2294, 0.3104, 0.2824



67.8984, 0.3098, 0.2732



43.2900, 0.3269, 0.2993



11.3255, 0.3117, 0.3060



8.6545, 0.2879, 0.1360



0.4679, 0.2948, 0.1398

Previews

White Background



This preview shows how the Yxy color 53.9745, 0.3142, 0.3791 looks on a white background.

Color Contrast Check

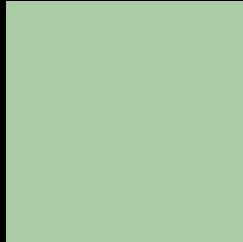
Large Text (above 18pt) WCAG AA × Fail

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 53.9745, 0.3142, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

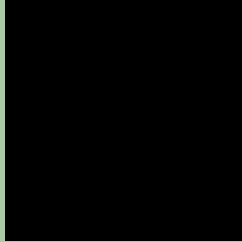
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

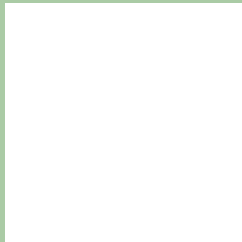
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.9745, 0.3142, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 53.9745, 0.3142, 0.3791.



This preview shows how white text looks on a background with the Yxy color 53.9745, 0.3142, 0.3791.

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

53.9745, 0.3142, 0.3791

Protanopia

53.6571, 0.3484, 0.3695

Deuteranopia

53.3171, 0.3577, 0.3502



Tritanopia

53.6983, 0.2878, 0.3091

Trichromacy



Original Color

53.9745, 0.3142, 0.3791

Protanomaly

53.7476, 0.3349, 0.3733

Deuteranomaly

53.0459, 0.3405, 0.3599

Tritanomaly

53.9009, 0.2972, 0.3340

Monochromacy



Original Color

53.9745, 0.3142, 0.3791

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8239, 0.3135, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9745, 0.3142, 0.3791 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(170, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(170, 203, 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(170, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 203, 165) }
```

Border

The CSS property to change the border of an element to Yxy 53.9745, 0.3142, 0.3791 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(170, 203, 165) }
```

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

```
.border{ border-color:rgb(170, 203, 165) }
```

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

Here you see how a box with a 4 pixel rgb(170, 203, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(170, 203,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9745, 0.3142, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 203, 165) }
```

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

```
.background{ background-color: rgb(170,  
203, 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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