

Converting Colors

$Yxy(54.2713, 0.3062, 0.3713)$

Have a look what the booklet for
Yxy(54.2713, 0.3062, 0.3713)
contains.

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Color

Yxy(54.2713, 0.3062, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	A6CCAC
RGB	166, 204, 172
RGB Percent	65%, 80%, 67%
CMY	0.3492, 0.1999, 0.3255
CMYK	0.19, 0.00, 0.16, 0.20
HSL	130°, 27%, 73%
HSV	130°, 19%, 80%
XYZ	44.7559, 54.2713, 47.1384
YIQ	188.9900, -12.3760, -18.0080

Conversions

Conversions Part 2

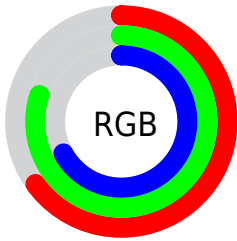
Format	Color
RYB	166, 199, 204
Decimal	10931372
CIELab	78.62, -18.85, 11.84
CIElCh	79, 22.260, 147.871
Yxy	54.2713, 0.3062, 0.3713
Android (android.graphics.Color)	4289121452 (0xFFA6CCAC)
YUV	188.9900, -8.3761, -20.1622
Hunter-Lab	73.6691, -20.4773, 13.6306

Details

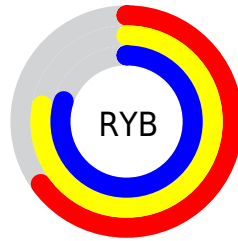
The Yxy color **54.2713, 0.3062, 0.3713** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.1703, 0.3200, 0.2901**, and the grayscale version is **50.9324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4382, 0.3077, 0.3580**, and **26.7462, 0.3043, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **51.6242, 0.3027, 0.3980**, and if you desaturate by 10%, it is **57.3580, 0.3097, 0.3474**.

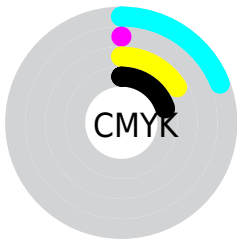
Distribution



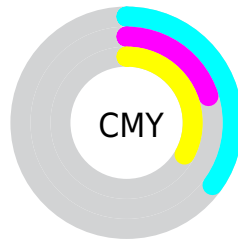
- Red (65%)
- Green (80%)
- Blue (67%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2713, 0.3062, 0.3713 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 54.2713, 0.3062, 0.3713 by changing the saturation by 10% instead.


 54.2713, 0.3062,
0.3713

 54.2713, 0.3062,
0.3713


403.1437, 0.3097,
0.3501

 38.8186, 0.3053,
0.3766


 96.4725, 0.3075,
0.3636

 26.6186, 0.3040,
0.3834


 123.9897, 0.3080,
0.3607

 17.2870, 0.3023,
0.3925


156.2973, 0.3084,
0.3582

 10.4393, 0.2999,
0.4053

193.7796, 0.3087,
0.3561

 5.6912, 0.2959,
0.4243

236.8210, 0.3090,
0.3543

 2.6582, 0.2888,
0.4556

285.8059, 0.3093,


 0.9560, 0.2768,


0.3527

0.5923


341.1187, 0.3095,
0.3513


 0.0000, 0.0000,
0.0000

 54.2713, 0.3062,
0.3713

 54.2713, 0.3062,
0.3713


 51.6242, 0.3027,
0.3980

 57.3580, 0.3097,
0.3474

 49.3899, 0.2995,
0.4271

 60.8957, 0.3132,
0.3263


 47.5497, 0.2967,
0.4579

 64.9041, 0.3165,
0.3079

 46.0804, 0.2946,
0.4893

 69.3996, 0.3196,
0.2919

 44.9564, 0.2935,
0.5196

 71.6740, 0.3151,
0.2792

■ 44.1489, 0.2934,
0.5468

■ 43.6241, 0.2944,
0.5691

■ 43.3310, 0.2962,
0.5853

■ 43.3002, 0.2964,
0.5870

Harmonies

Analogous

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



54.2713, 0.3357, 0.3817



54.2713, 0.3062, 0.3713



54.2713, 0.2793, 0.3478

Triad

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



54.2713, 0.3062, 0.3713



54.2713, 0.2667, 0.2823



54.2713, 0.3664, 0.3346

Complementary

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



54.2713, 0.3062, 0.3713



44.1703, 0.3200, 0.2901

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.



54.2713, 0.3461, 0.3105



54.2713, 0.3062, 0.3713



54.2713, 0.2882, 0.2811

Square

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



54.2713, 0.3062, 0.3713



54.2713, 0.2573, 0.2957



54.2713, 0.3172, 0.2914



54.2713, 0.3713, 0.3586

Rectangle

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



54.2713, 0.3062, 0.3713



54.2713, 0.2663, 0.3288



54.2713, 0.3172, 0.2914



54.2713, 0.3611, 0.3264

Sweetspot

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



54.2736, 0.3062, 0.3713



96.4112, 0.3106, 0.3417



57.9929, 0.3359, 0.3757



20.5560, 0.3104, 0.3432



0.0000, 0.0000, 0.0000



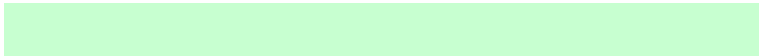
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2736, 0.3062, 0.3713



88.1925, 0.3049, 0.3807



55.0437, 0.2936, 0.3462



12.5655, 0.3095, 0.3491



27.2575, 0.2959, 0.5853



1.4156, 0.2870, 0.5533

Inverse Universe

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



44.1703, 0.3200, 0.2901



68.7211, 0.3216, 0.2823



43.3597, 0.3365, 0.3125



11.3720, 0.3161, 0.3097



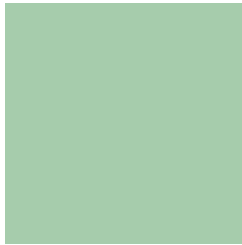
9.9577, 0.3652, 0.1785



0.5221, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 54.2713, 0.3062, 0.3713 looks on a white background.

Color Contrast Check

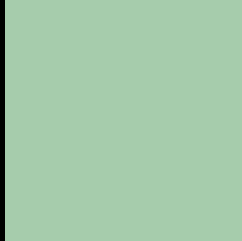
Large Text (above 18pt) WCAG AA × Fail

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 54.2713, 0.3062, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

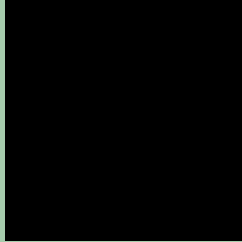
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2713, 0.3062, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 54.2713, 0.3062, 0.3713.



This preview shows how white text looks on a background with the Yxy color 54.2713, 0.3062, 0.3713.

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

54.2713, 0.3062, 0.3713

Protanopia

54.2110, 0.3418, 0.3621

Deuteranopia

53.8514, 0.3506, 0.3432



Tritanopia

54.1274, 0.2830, 0.3090

Trichromacy



Original Color

54.2713, 0.3062, 0.3713

Protanomaly

54.1999, 0.3278, 0.3657

Deuteranomaly

53.4753, 0.3331, 0.3525

Tritanomaly

53.9781, 0.2908, 0.3302

Monochromacy



Original Color

54.2713, 0.3062, 0.3713

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8262, 0.3105, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2713, 0.3062, 0.3713 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(166, 204, 172)` looks like.

```
.text, #text, p{  
  color:rgb(166, 204, 172)  
}
```

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(166, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 204, 172) }
```

Border

The CSS property to change the border of an element to Yxy 54.2713, 0.3062, 0.3713 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(166, 204, 172) }
```

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

```
.border{ border-color:rgb(166, 204, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 204, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(166, 204,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2713, 0.3062, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 204, 172) }
```

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

```
.background{ background-color: rgb(166,  
204, 172) }
```

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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