

Converting Colors

Yxy(53.6728, 0.3142, 0.3640)

Have a look what the booklet for
Yxy(53.6728, 0.3142, 0.3640)
contains.

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Color

Yxy(53.6728, 0.3142, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	B1C8AD
RGB	177, 200, 173
RGB Percent	69%, 78%, 68%
CMY	0.3058, 0.2157, 0.3216
CMYK	0.11, 0.00, 0.14, 0.22
HSL	111°, 20%, 73%
HSV	111°, 14%, 78%
XYZ	46.3297, 53.6728, 47.4503
YIQ	190.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

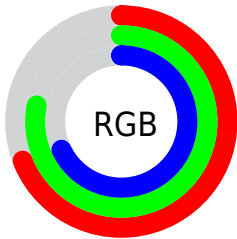
Format	Color
RYB	173, 200, 196
Decimal	11651245
CIELab	78.27, -12.84, 10.90
CIElCh	78, 16.845, 139.661
Yxy	53.6728, 0.3142, 0.3640
Android (android.graphics.Color)	4289841325 (0xFFB1C8AD)
YUV	190.0450, -8.4032, -11.4405
Hunter-Lab	73.2617, -15.3272, 12.8821

Details

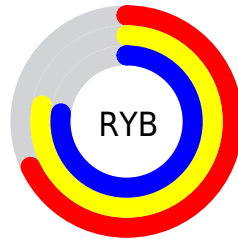
The Yxy color **53.6728, 0.3142, 0.3640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.7900, 0.3108, 0.2957**, and the grayscale version is **51.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4451, 0.3145, 0.3563**, and **26.2233, 0.3137, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **51.0814, 0.3150, 0.3935**, and if you desaturate by 10%, it is **56.6342, 0.3131, 0.3375**.

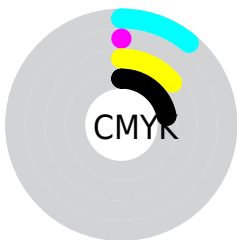
Distribution



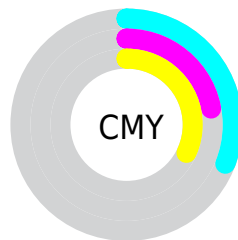
- Red (69%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)





- Cyan (31%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6728, 0.3142, 0.3640 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 53.6728, 0.3142, 0.3640 by changing the saturation by 10% instead.


 53.6728, 0.3142,
0.3640

 53.6728, 0.3142,
0.3640

400.8611, 0.3137,
0.3465

 38.3401, 0.3143,
0.3683


 95.5937, 0.3140,
0.3577

 26.2468, 0.3143,
0.3739


122.9506, 0.3140,
0.3553

 17.0084, 0.3144,
0.3813


155.0845, 0.3139,
0.3533

 10.2404, 0.3143,
0.3917

192.3797, 0.3139,
0.3515

 5.5587, 0.3139,
0.4070

235.2205, 0.3138,
0.3500

 2.5786, 0.3127,
0.4322

283.9914, 0.3138,

 0.9159, 0.3261,

0.3487

0.5365

339.0768, 0.3137,
0.3476

0.0000, 0.0000,
0.0000

53.6728, 0.3142,
0.3640

53.6728, 0.3142,
0.3640

51.0814, 0.3150,
0.3935

56.6342, 0.3131,
0.3375

48.8388, 0.3155,
0.4256

59.9722, 0.3119,
0.3141

46.9321, 0.3155,
0.4595

63.7019, 0.3107,
0.2937

45.3449, 0.3149,
0.4937

67.8355, 0.3094,
0.2758

44.0596, 0.3136,
0.5261

69.7898, 0.3152,
0.2752

■ 43.0565, 0.3115,
0.5545

■ 42.3137, 0.3088,
0.5766

■ 41.8060, 0.3058,
0.5909

■ 41.5818, 0.3040,
0.5968

Harmonies

Analogous

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



53.6728, 0.3361, 0.3688



53.6728, 0.3142, 0.3640



53.6728, 0.2925, 0.3487

Triad

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



53.6728, 0.3142, 0.3640



53.6728, 0.2745, 0.2953



53.6728, 0.3501, 0.3284

Complementary

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



53.6728, 0.3142, 0.3640



45.7900, 0.3108, 0.2957

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.



53.6728, 0.3325, 0.3103



53.6728, 0.3142, 0.3640



53.6728, 0.2888, 0.2915

Square

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



53.6728, 0.3142, 0.3640



53.6728, 0.2701, 0.3083



53.6728, 0.3100, 0.2970



53.6728, 0.3573, 0.3473

Rectangle

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



53.6728, 0.3142, 0.3640



53.6728, 0.2809, 0.3350



53.6728, 0.3100, 0.2970



53.6728, 0.3452, 0.3221

Sweetspot

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



53.6751, 0.3142, 0.3640



97.7504, 0.3132, 0.3389



54.7548, 0.3334, 0.3573



20.8346, 0.3133, 0.3409



0.0000, 0.0000, 0.0000



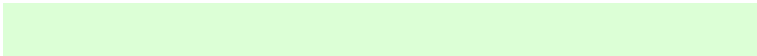
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6751, 0.3142, 0.3640



91.6422, 0.3145, 0.3717



53.5896, 0.3044, 0.3517



11.9623, 0.3138, 0.3527



26.4628, 0.3046, 0.5964



1.2779, 0.3162, 0.5871

Inverse Universe

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



45.7900, 0.3108, 0.2957



75.5423, 0.3103, 0.2887



45.9071, 0.3221, 0.3073



10.7337, 0.3114, 0.3061



8.1355, 0.2840, 0.1338



0.4075, 0.2921, 0.1383

Previews

White Background



This preview shows how the Yxy color 53.6728, 0.3142, 0.3640 looks on a white background.

Color Contrast Check

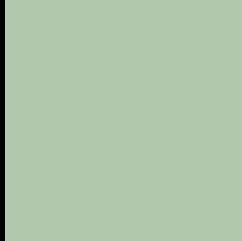
Large Text (above 18pt) WCAG AA × Fail

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 53.6728, 0.3142, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

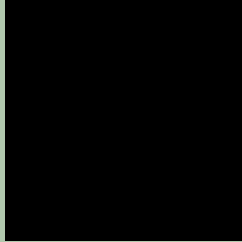
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

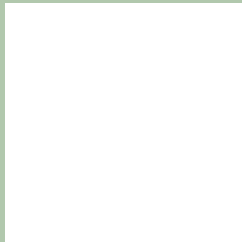
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6728, 0.3142, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 53.6728, 0.3142, 0.3640.

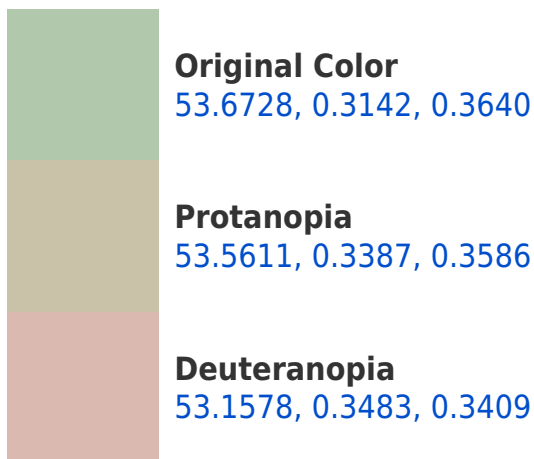


This preview shows how white text looks on a background with the Yxy color 53.6728, 0.3142, 0.3640.

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





Tritanopia

53.7506, 0.2928, 0.3105

Trichromacy



Original Color

53.6728, 0.3142, 0.3640

Protanomaly

53.7196, 0.3298, 0.3617

Deuteranomaly

53.0533, 0.3352, 0.3487

Tritanomaly

53.7875, 0.3003, 0.3290

Monochromacy



Original Color

53.6728, 0.3142, 0.3640

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.3586, 0.3129, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6728, 0.3142, 0.3640 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(177, 200, 173)` looks like.

```
.text, #text, p{  
    color:rgb(177, 200, 173)  
}
```

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(177, 200, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 200, 173) }
```

Border

The CSS property to change the border of an element to Yxy 53.6728, 0.3142, 0.3640 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(177, 200, 173) }
```

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

```
.border{ border-color:rgb(177, 200, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 200, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 200, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 200, 173);  
box-shadow:4px 4px 4px 4px rgb(177, 200,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6728, 0.3142, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 200, 173) }
```

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

```
.background{ background-color: rgb(177,  
200, 173) }
```

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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