

Converting Colors

Yxy(54.6824, 0.3132, 0.3422)

Have a look what the booklet for
Yxy(54.6824, 0.3132, 0.3422)
contains.

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Color

Yxy(54.7948, 0.3136, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	BDC6BB
RGB	189, 198, 187
RGB Percent	74%, 78%, 73%
CMY	0.2590, 0.2235, 0.2666
CMYK	0.05, 0.00, 0.06, 0.22
HSL	109°, 9%, 75%
HSV	109°, 6%, 78%
XYZ	50.1420, 54.7948, 54.9547
YIQ	194.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

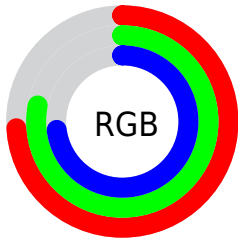
Format	Color
R _{YB}	187, 198, 196
Decimal	12437179
CIE Lab	78.92, -5.14, 4.42
CIE LCh	79, 6.782, 139.297
Yxy	54.7948, 0.3136, 0.3427
Android (android.graphics.Color)	4290627259 (0xFFBDC6BB)
YUV	194.0550, -3.4781, -4.4332
Hunter-Lab	74.0235, -8.6290, 7.7999

Details

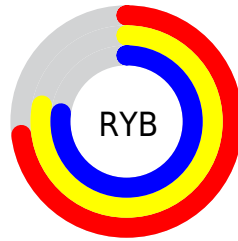
The Yxy color **54.7948, 0.3136, 0.3427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3713, 0.3118, 0.3155**, and the grayscale version is **54.0023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4035, 0.3134, 0.3407**, and **26.9020, 0.3140, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **52.0368, 0.3151, 0.3697**, and if you desaturate by 10%, it is **57.9092, 0.3120, 0.3187**.

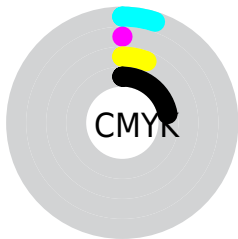
Distribution



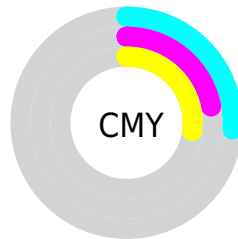
- Red (74%)
- Green (78%)
- Blue (73%)



- Red (73%)
- Yellow (78%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)




- Cyan (26%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7948, 0.3136, 0.3427 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 54.7948, 0.3136, 0.3427 by changing the saturation by 10% instead.


 54.7948, 0.3136,
0.3427

 54.7948, 0.3136,
0.3427


405.1336, 0.3132,
0.3360

 39.2375, 0.3137,
0.3443


 97.2402, 0.3135,
0.3403

 26.9445, 0.3138,
0.3464


124.8971, 0.3134,
0.3394

 17.5315, 0.3139,
0.3492

157.3560, 0.3134,
0.3386

 10.6142, 0.3141,
0.3530

195.0012, 0.3133,
0.3379

 5.8080, 0.3143,
0.3585

238.2172, 0.3133,
0.3373

 2.7287, 0.3146,
0.3673

287.3883, 0.3133,

 0.9918, 0.3163,


0.3368

0.3857

342.8990, 0.3132,
0.3364


 0.0000, 0.0000,
0.0000

 54.7948, 0.3136,
0.3427


 54.7948, 0.3136,
0.3427


 52.0368, 0.3151,
0.3697

 57.9092, 0.3120,
0.3187

 49.6155, 0.3163,
0.3996


 61.3847, 0.3103,
0.2976


 47.5202, 0.3171,
0.4319

 65.2351, 0.3086,
0.2792

 45.7367, 0.3173,
0.4657

 68.7271, 0.3148,
0.2731

 44.2498, 0.3167,
0.4994

 68.8760, 0.3153,
0.2732

■ 43.0431, 0.3154,
0.5309

■ 42.0983, 0.3131,
0.5580

■ 41.3952, 0.3101,
0.5787

■ 40.9100, 0.3067,
0.5916

Harmonies

Analogous

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



54.7948, 0.3223, 0.3447



54.7948, 0.3136, 0.3427



54.7948, 0.3048, 0.3369

Triad

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



54.7948, 0.3136, 0.3427



54.7948, 0.2972, 0.3156



54.7948, 0.3275, 0.3289

Complementary

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



54.7948, 0.3136, 0.3427



51.3713, 0.3118, 0.3155

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.



54.7948, 0.3206, 0.3214



54.7948, 0.3136, 0.3427



54.7948, 0.3031, 0.3137

Square

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



54.7948, 0.3136, 0.3427



54.7948, 0.2954, 0.3211



54.7948, 0.3116, 0.3158



54.7948, 0.3304, 0.3366

Rectangle

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



54.7948, 0.3136, 0.3427



54.7948, 0.3000, 0.3316



54.7948, 0.3116, 0.3158



54.7948, 0.3256, 0.3263

Sweetspot

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



54.7972, 0.3136, 0.3427



98.8876, 0.3130, 0.3339



55.0765, 0.3210, 0.3400



21.1777, 0.3130, 0.3337



0.0000, 0.0000, 0.0000



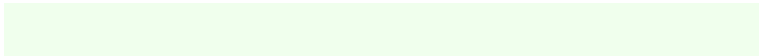
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7972, 0.3136, 0.3427



96.2197, 0.3138, 0.3467



54.7022, 0.3095, 0.3384



12.0947, 0.3139, 0.3477



26.5228, 0.3060, 0.5953



1.2842, 0.3190, 0.5849

Inverse Universe

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



51.3713, 0.3118, 0.3155



88.5441, 0.3115, 0.3117



51.4739, 0.3160, 0.3198



11.0758, 0.3114, 0.3107



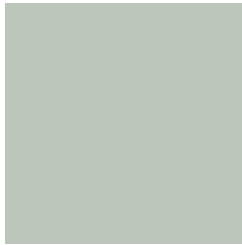
7.7582, 0.2771, 0.1300



0.3928, 0.2868, 0.1354

Previews

White Background



This preview shows how the Yxy color 54.7948, 0.3136, 0.3427 looks on a white background.

Color Contrast Check

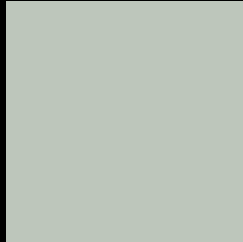
Large Text (above 18pt) WCAG AA × Fail

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 54.7948, 0.3136, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

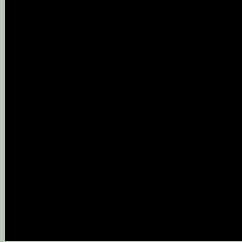
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

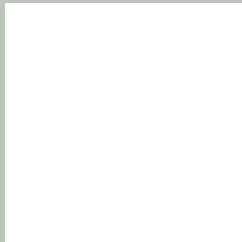
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7948, 0.3136, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 54.7948, 0.3136, 0.3427.



This preview shows how white text looks on a background with the Yxy color 54.7948, 0.3136, 0.3427.

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

54.7948, 0.3136, 0.3427

Protanopia

54.5039, 0.3252, 0.3400

Deuteranopia

54.6682, 0.3353, 0.3291



Tritanopia

55.0208, 0.3003, 0.3109

Trichromacy



Original Color

54.7948, 0.3136, 0.3427

Protanomaly

54.4457, 0.3211, 0.3401

Deuteranomaly

54.4519, 0.3273, 0.3338

Tritanomaly

54.9506, 0.3052, 0.3217

Monochromacy



Original Color

54.7948, 0.3136, 0.3427

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9983, 0.3133, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7948, 0.3136, 0.3427 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(189, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 198, 187)  
}
```

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(189, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 198, 187) }
```

Border

The CSS property to change the border of an element to Yxy 54.7948, 0.3136, 0.3427 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(189, 198, 187) }
```

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

```
.border{ border-color:rgb(189, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 198, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 198, 187); box-shadow:4px 4px 4px 4px rgb(189, 198, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7948, 0.3136, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 198, 187) }
```

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

```
.background{ background-color: rgb(189,  
198, 187) }
```

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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