

Converting Colors

Yxy(53.9129, 0.3232, 0.3251)

Have a look what the booklet for
Yxy(53.9129, 0.3232, 0.3251)
contains.

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Color

Yxy(53.7990, 0.3236, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	CEBEC1
RGB	206, 190, 193
RGB Percent	81%, 75%, 76%
CMY	0.1920, 0.2549, 0.2430
CMYK	0.00, 0.08, 0.06, 0.19
HSL	349°, 14%, 78%
HSV	349°, 8%, 81%
XYZ	53.5014, 53.7990, 58.0315
YIQ	195.1260, 8.5730, 4.3250

Conversions

Conversions Part 2

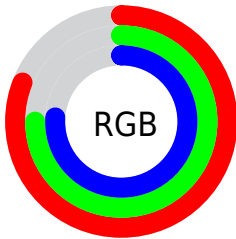
Format	Color
R_{YB}	206, 190, 193
Decimal	13549249
CIE _{Lab}	78.34, 6.18, 0.51
CIE _{LCh}	78, 6.201, 4.693
Yxy	53.7990, 0.3236, 0.3254
Android (android.graphics.Color)	4291739329 (0xFFCEBEC1)
YUV	195.1260, -1.0481, 9.5365
Hunter-Lab	73.3478, 1.8429, 4.4343

Details

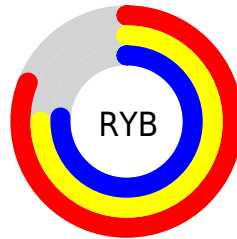
The Yxy color **53.7990, 0.3236, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4159, 0.3028, 0.3326**, and the grayscale version is **54.6589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0111, 0.3167, 0.3261**, and **26.4602, 0.3263, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **44.7946, 0.3405, 0.3205**, and if you desaturate by 10%, it is **64.1539, 0.3099, 0.3300**.

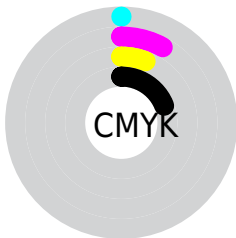
Distribution



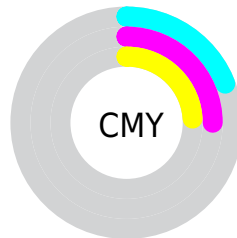
- Red (81%)
- Green (75%)
- Blue (76%)



- Red (81%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7990, 0.3236, 0.3254 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 53.7990, 0.3236, 0.3254 by changing the saturation by 10% instead.


 53.7990, 0.3236,
0.3254

 53.7990, 0.3236,
0.3254

401.3431, 0.3183,
0.3272

 38.4410, 0.3249,
0.3250


 95.7791, 0.3217,
0.3260

 26.3251, 0.3265,
0.3244


123.1699, 0.3210,
0.3263

 17.0670, 0.3287,
0.3237


155.3405, 0.3204,
0.3265

 10.2823, 0.3316,
0.3227

192.6752, 0.3198,
0.3267

 5.5865, 0.3359,
0.3212

235.5584, 0.3194,
0.3268

 2.5953, 0.3427,
0.3189

284.3745, 0.3190,

 0.9243, 0.3551,

0.3270

0.3146

339.5079, 0.3186,
0.3271

0.0000, 0.0000,
0.0000

53.7990, 0.3236,
0.3254

53.7990, 0.3236,
0.3254

44.7946, 0.3405,
0.3205

64.1539, 0.3099,
0.3300

37.0782, 0.3614,
0.3154

75.9044, 0.2989,
0.3342

30.5929, 0.3870,
0.3103

89.1024, 0.2899,
0.3380

25.2747, 0.4179,
0.3056

91.8664, 0.2838,
0.3289

21.0539, 0.4541,
0.3020

■ 17.8533, 0.4945,
0.3003

■ 15.5855, 0.5363,
0.3013

■ 14.1486, 0.5750,
0.3057

■ 13.3976, 0.6059,
0.3129

Harmonies

Analogous

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



53.7990, 0.3161, 0.3192



53.7990, 0.3236, 0.3254



53.7990, 0.3282, 0.3327

Triad

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



53.7990, 0.3236, 0.3254



53.7990, 0.3176, 0.3430



53.7990, 0.2971, 0.3187

Complementary

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



53.7990, 0.3236, 0.3254



59.4159, 0.3028, 0.3326

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.



53.7990, 0.2975, 0.3251



53.7990, 0.3236, 0.3254



53.7990, 0.3092, 0.3392

Square

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



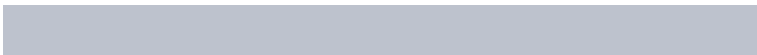
53.7990, 0.3236, 0.3254



53.7990, 0.3247, 0.3429



53.7990, 0.3019, 0.3326



53.7990, 0.3008, 0.3153

Rectangle

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



53.7990, 0.3236, 0.3254



53.7990, 0.3290, 0.3371



53.7990, 0.3019, 0.3326



53.7990, 0.2967, 0.3206

Sweetspot

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



53.8014, 0.3236, 0.3254



96.5256, 0.3154, 0.3281



53.9531, 0.3110, 0.3100



20.6968, 0.3152, 0.3281



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.



53.8014, 0.3236, 0.3254



85.0803, 0.3256, 0.3248



55.7863, 0.3254, 0.3348



11.2478, 0.3261, 0.3246



8.1808, 0.6086, 0.3126



0.4327, 0.5553, 0.2833

Inverse Universe

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



53.8014, 0.3236, 0.3254



85.0803, 0.3256, 0.3248



57.2799, 0.3008, 0.3232



11.2478, 0.3261, 0.3246



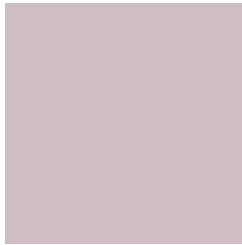
8.1808, 0.6086, 0.3126



0.4327, 0.5553, 0.2833

Previews

White Background



This preview shows how the Yxy color 53.7990, 0.3236, 0.3254 looks on a white background.

Color Contrast Check

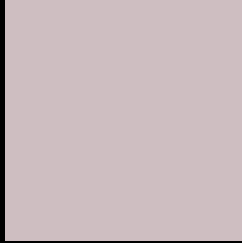
Large Text (above 18pt) WCAG AA × Fail

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 53.7990, 0.3236, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

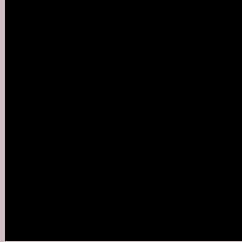
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

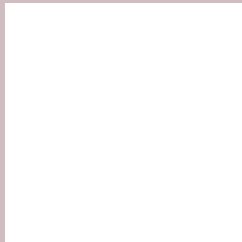
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7990, 0.3236, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 53.7990, 0.3236, 0.3254.



This preview shows how white text looks on a background with the Yxy color 53.7990, 0.3236, 0.3254.

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

53.7990, 0.3236, 0.3254

Protanopia

53.9504, 0.3144, 0.3266

Deuteranopia

53.9628, 0.3297, 0.3232



Tritanopia

53.5436, 0.3168, 0.3113

Trichromacy



Original Color

53.7990, 0.3236, 0.3254

Protanomaly

53.8737, 0.3177, 0.3266

Deuteranomaly

53.9471, 0.3270, 0.3243

Tritanomaly

53.7841, 0.3198, 0.3172

Monochromacy



Original Color

53.7990, 0.3236, 0.3254

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1771, 0.3168, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7990, 0.3236, 0.3254 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(206, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(206, 190, 193)  
}
```

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(206, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 190, 193) }
```

Border

The CSS property to change the border of an element to Yxy 53.7990, 0.3236, 0.3254 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(206, 190, 193) }
```

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

```
.border{ border-color:rgb(206, 190, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(206, 190,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7990, 0.3236, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 190, 193) }
```

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

```
.background{ background-color: rgb(206,  
190, 193) }
```

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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