

Converting Colors

Yxy(54.4534, 0.3250, 0.3298)

Have a look what the booklet for
Yxy(54.4534, 0.3250, 0.3298)
contains.

Yxy(54.5827, 0.3249, 0.3302)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5827, 0.3249, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CEC0BF
RGB	206, 192, 191
RGB Percent	81%, 75%, 75%
CMY	0.1922, 0.2470, 0.2509
CMYK	0.00, 0.07, 0.07, 0.19
HSL	4°, 13%, 78%
HSV	4°, 7%, 81%
XYZ	53.7066, 54.5827, 57.0126
YIQ	196.0720, 8.6650, 2.6570

Conversions

Conversions Part 2

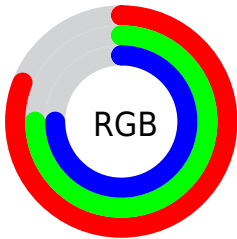
Format	Color
R _Y B	206, 192, 191
Decimal	13549759
CIE Lab	78.80, 4.74, 2.25
CIE LCh	79, 5.248, 25.362
Yxy	54.5827, 0.3249, 0.3302
Android (android.graphics.Color)	4291739839 (0xFFCEC0BF)
YUV	196.0720, -2.5005, 8.7069
Hunter-Lab	73.8801, 0.4691, 5.9625

Details

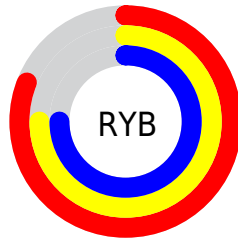
The Yxy color `54.5827, 0.3249, 0.3302` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `59.2032, 0.3016, 0.3278`, and the grayscale version is `55.2600, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.1102, 0.3178, 0.3300`, and `26.9756, 0.3281, 0.3306` is the 20% darker color. If you saturate the color by 10%, you get `45.8306, 0.3451, 0.3320`, and if you desaturate by 10%, it is `64.5733, 0.3086, 0.3286`.

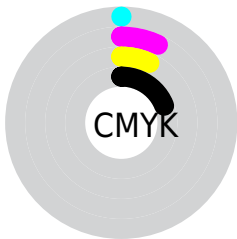
Distribution



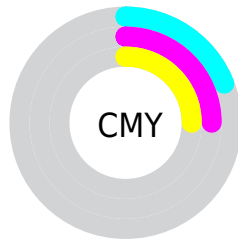
- Red (81%)
- Green (75%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (19%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5827, 0.3249, 0.3302 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 54.5827, 0.3249, 0.3302 by changing the saturation by 10% instead.

 54.5827, 0.3249,
0.3302

 54.5827, 0.3249,
0.3302


404.3281, 0.3190,
0.3297

 39.0677, 0.3263,
0.3303


 96.9293, 0.3228,
0.3300

 26.8124, 0.3282,
0.3305


124.5297, 0.3220,
0.3299

 17.4324, 0.3306,
0.3307


156.9273, 0.3213,
0.3299

 10.5433, 0.3339,
0.3309

194.5066, 0.3207,
0.3298

 5.7606, 0.3386,
0.3313

237.6519, 0.3202,
0.3298

 2.7001, 0.3462,
0.3317

286.7477, 0.3197,

 0.9772, 0.3600,

0.3297

0.3325

342.1783, 0.3193,
0.3297

0.0000, 0.0000,
0.0000

54.5827, 0.3249,
0.3302

54.5827, 0.3249,
0.3302

45.8306, 0.3451,
0.3320

64.5733, 0.3086,
0.3286

38.2620, 0.3701,
0.3338

75.8406, 0.2954,
0.3271

31.8283, 0.4007,
0.3357

88.4300, 0.2846,
0.3257

26.4747, 0.4374,
0.3374

91.8597, 0.2838,
0.3289

22.1420, 0.4799,
0.3387

■ 18.7652, 0.5258,
0.3392

■ 16.2720, 0.5707,
0.3385

■ 14.5795, 0.6077,
0.3365

■ 13.5881, 0.6312,
0.3336

Harmonies

Analogous

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



54.5827, 0.3201, 0.3242



54.5827, 0.3249, 0.3302



54.5827, 0.3264, 0.3360

Triad

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



54.5827, 0.3249, 0.3302



54.5827, 0.3120, 0.3389



54.5827, 0.3013, 0.3180

Complementary

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



54.5827, 0.3249, 0.3302



59.2032, 0.3016, 0.3278

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.



54.5827, 0.2992, 0.3218



54.5827, 0.3249, 0.3302



54.5827, 0.3053, 0.3339

Square

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



54.5827, 0.3249, 0.3302



54.5827, 0.3189, 0.3411



54.5827, 0.3007, 0.3276



54.5827, 0.3065, 0.3172

Rectangle

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



54.5827, 0.3249, 0.3302



54.5827, 0.3253, 0.3390



54.5827, 0.3007, 0.3276



54.5827, 0.3003, 0.3190

Sweetspot

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



54.5851, 0.3249, 0.3302



96.6718, 0.3159, 0.3293



54.8144, 0.3141, 0.3123



20.7266, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



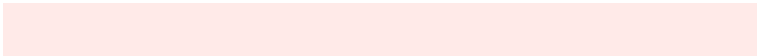
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5851, 0.3249, 0.3302



85.6771, 0.3283, 0.3305



57.8474, 0.3241, 0.3388



11.3292, 0.3288, 0.3306



8.3150, 0.6347, 0.3342



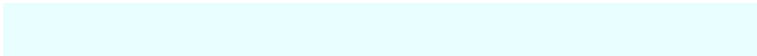
0.4710, 0.6174, 0.3480

Inverse Universe

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



59.2032, 0.3016, 0.3278



94.9527, 0.2988, 0.3275



55.8149, 0.3016, 0.3190



12.5968, 0.2984, 0.3274



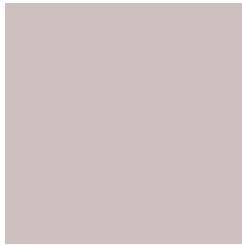
26.1661, 0.2191, 0.3087



1.3885, 0.2203, 0.3129

Previews

White Background



This preview shows how the Yxy color 54.5827, 0.3249, 0.3302 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 54.5827, 0.3249, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

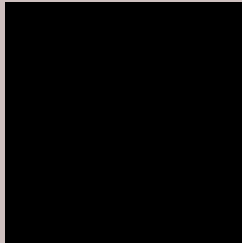
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5827, 0.3249, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 54.5827, 0.3249, 0.3302.



This preview shows how white text looks on a background with the Yxy color 54.5827, 0.3249, 0.3302.

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

54.5827, 0.3249, 0.3302

Protanopia

54.5315, 0.3182, 0.3314

Deuteranopia

54.6480, 0.3320, 0.3255



Tritanopia

54.6446, 0.3160, 0.3114

Trichromacy



Original Color

54.5827, 0.3249, 0.3302

Protanomaly

54.5023, 0.3208, 0.3302

Deuteranomaly

54.6297, 0.3294, 0.3267

Tritanomaly

54.6971, 0.3189, 0.3184

Monochromacy



Original Color

54.5827, 0.3249, 0.3302

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2046, 0.3175, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5827, 0.3249, 0.3302 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, 192, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 192, 191)  
}
```

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, 192, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 192, 191) }
```

Border

The CSS property to change the border of an element to Yxy 54.5827, 0.3249, 0.3302 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, 192, 191) }
```

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

```
.border{ border-color:rgb(206, 192, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 192, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 192, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 192, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 192,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5827, 0.3249, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 192, 191) }
```

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

```
.background{ background-color: rgb(206,  
192, 191) }
```

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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