

Converting Colors

Yxy(53.2137, 0.3286, 0.3547)

Have a look what the booklet for
Yxy(53.2137, 0.3286, 0.3547)
contains.

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Color

Yxy(53.2417, 0.3287, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2AE
RGB	195, 194, 174
RGB Percent	76%, 76%, 68%
CMY	0.2353, 0.2392, 0.3176
CMYK	0.00, 0.01, 0.11, 0.24
HSL	57°, 15%, 72%
HSV	57°, 11%, 76%
XYZ	49.4366, 53.2417, 47.7220
YIQ	192.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

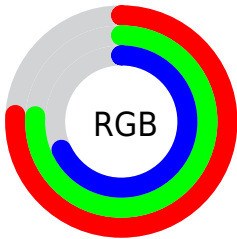
Format	Color
RYB	175, 195, 174
Decimal	12829358
CIELab	78.02, -3.14, 10.18
CIELCh	78, 10.653, 107.156
Yxy	53.2417, 0.3287, 0.3540
Android (android.graphics.Color)	4291019438 (0xFFC3C2AE)
YUV	192.0190, -8.8834, 2.6143
Hunter-Lab	72.9669, -6.7547, 12.2998

Details

The Yxy color $53.2417, 0.3287, 0.3540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.5994, 0.2960, 0.3027$, and the grayscale version is $52.7747, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7238, 0.3265, 0.3496$, and $25.8240, 0.3324, 0.3595$ is the 20% darker color. If you saturate the color by 10%, you get $52.1317, 0.3441, 0.3779$, and if you desaturate by 10%, it is $54.4692, 0.3138, 0.3307$.

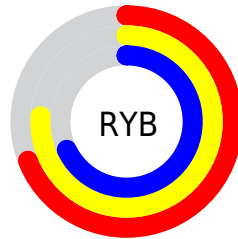
Distribution



Red (76%)

Green (76%)

Blue (68%)



Red (69%)

Yellow (76%)

Blue (68%)

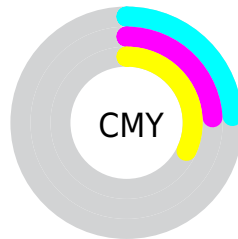


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2417, 0.3287, 0.3540 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 53.2417, 0.3287, 0.3540 by changing the saturation by 10% instead.

 53.2417, 0.3287,
0.3540

 53.2417, 0.3287,
0.3540


399.2117, 0.3209,
0.3417

 37.9958, 0.3306,
0.3570

 94.9599, 0.3259,
0.3496

 25.9794, 0.3329,
0.3609


122.2010, 0.3249,
0.3479

 16.8082, 0.3360,
0.3659


154.2092, 0.3240,
0.3465

 10.0979, 0.3402,
0.3729

191.3690, 0.3232,
0.3453

 5.4639, 0.3463,
0.3830

234.0648, 0.3225,
0.3442

 2.5219, 0.3555,
0.3992

282.6809, 0.3219,

 0.8876, 0.4017,

0.3433

0.4649

337.6018, 0.3214,
0.3424

0.0000, 0.0000,
0.0000

53.2417, 0.3287,
0.3540

53.2417, 0.3287,
0.3540

52.1317, 0.3441,
0.3779

54.4692, 0.3138,
0.3307

51.1276, 0.3596,
0.4017

55.8118, 0.2997,
0.3085

50.2266, 0.3747,
0.4247

57.2760, 0.2865,
0.2877

49.4232, 0.3888,
0.4458

58.8657, 0.2744,
0.2684

48.7113, 0.4013,
0.4642

59.4754, 0.2727,
0.2664

■ 48.0843, 0.4117,
0.4789

■ 59.8966, 0.2728,
0.2675

■ 47.5345, 0.4196,
0.4895

■ 60.3203, 0.2729,
0.2685

■ 47.0527, 0.4248,
0.4958

■ 60.7465, 0.2730,
0.2696

■ 46.6520, 0.4278,
0.4985

■ 61.1753, 0.2731,
0.2706

Harmonies

Analogous

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



53.2417, 0.3382, 0.3497



53.2417, 0.3287, 0.3540



53.2417, 0.3150, 0.3514

Triad

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



53.2417, 0.3287, 0.3540



53.2417, 0.2855, 0.3170



53.2417, 0.3242, 0.3162

Complementary

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



53.2417, 0.3287, 0.3540



43.5994, 0.2960, 0.3027

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.



53.2417, 0.3099, 0.3079



53.2417, 0.3287, 0.3540



53.2417, 0.2877, 0.3081

Square

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



53.2417, 0.3287, 0.3540



53.2417, 0.2903, 0.3296



53.2417, 0.2966, 0.3049



53.2417, 0.3356, 0.3278

Rectangle

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



53.2417, 0.3287, 0.3540



53.2417, 0.3055, 0.3459



53.2417, 0.2966, 0.3049



53.2417, 0.3196, 0.3129

Sweetspot

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



53.2440, 0.3287, 0.3540



97.0449, 0.3172, 0.3360



44.9761, 0.3307, 0.3277



21.2118, 0.3184, 0.3379



0.0000, 0.0000, 0.0000



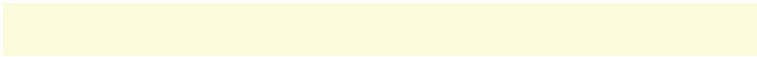
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2440, 0.3287, 0.3540



94.8656, 0.3324, 0.3598



52.4658, 0.3208, 0.3558



11.6747, 0.3266, 0.3507



30.3599, 0.4276, 0.4986



1.3371, 0.4256, 0.5002

Inverse Universe

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



43.5994, 0.2960, 0.3027



74.0185, 0.2919, 0.2962



44.3404, 0.3040, 0.3021



9.8221, 0.2983, 0.3063



2.7245, 0.1510, 0.0634



0.1444, 0.1545, 0.0760

Previews

White Background



This preview shows how the Yxy color 53.2417, 0.3287, 0.3540 looks on a white background.

Color Contrast Check

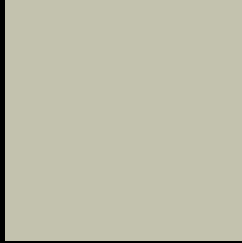
Large Text (above 18pt) WCAG AA × Fail

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 53.2417, 0.3287, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

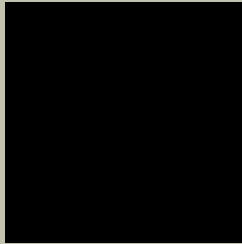
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

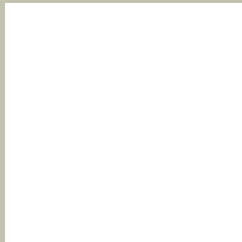
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2417, 0.3287, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 53.2417, 0.3287, 0.3540.



This preview shows how white text looks on a background with the Yxy color 53.2417, 0.3287, 0.3540.

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

53.2417, 0.3287, 0.3540

Protanopia

53.1339, 0.3349, 0.3525

Deuteranopia

53.1578, 0.3483, 0.3409



Tritanopia

53.3768, 0.3087, 0.3110

Trichromacy



Original Color

53.2417, 0.3287, 0.3540

Protanomaly

53.2992, 0.3330, 0.3538

Deuteranomaly

53.1920, 0.3415, 0.3459

Tritanomaly

53.1624, 0.3161, 0.3254

Monochromacy



Original Color

53.2417, 0.3287, 0.3540

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9802, 0.3187, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2417, 0.3287, 0.3540 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(195, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 174)  
}
```

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(195, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 174) }
```

Border

The CSS property to change the border of an element to Yxy 53.2417, 0.3287, 0.3540 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(195, 194, 174) }
```

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

```
.border{ border-color:rgb(195, 194, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2417, 0.3287, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 174) }
```

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

```
.background{ background-color: rgb(195,  
194, 174) }
```

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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