

Converting Colors

$Y_{xy}(52.9212, 0.3527, 0.3296)$

Have a look what the booklet for
Yxy(52.9212, 0.3527, 0.3296)
contains.

Yxy(53.1230, 0.3528, 0.3303)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.1230, 0.3528, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	E3B6B5
RGB	227, 182, 181
RGB Percent	89%, 71%, 71%
CMY	0.1099, 0.2862, 0.2903
CMYK	0.00, 0.20, 0.20, 0.11
HSL	1°, 45%, 80%
HSV	1°, 20%, 89%
XYZ	56.7417, 53.1230, 50.9678
YIQ	195.3410, 27.1410, 9.2290

Conversions

Conversions Part 2

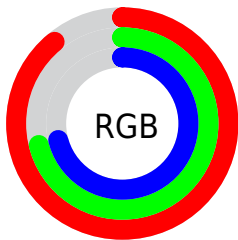
Format	Color
R _Y B	227, 182, 181
Decimal	14923445
CIE Lab	77.95, 16.06, 6.69
CIE LCh	78, 17.400, 22.609
Yxy	53.1230, 0.3528, 0.3303
Android (android.graphics.Color)	4293113525 (0xFFE3B6B5)
YUV	195.3410, -7.0701, 27.7649
Hunter-Lab	72.8855, 11.4134, 9.5592

Details

The Yxy color **53.1230, 0.3528, 0.3303** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7332, 0.2824, 0.3277**, and the grayscale version is **54.8181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5235, 0.3247, 0.3300**, and **25.9170, 0.3641, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **43.8879, 0.3802, 0.3310**, and if you desaturate by 10%, it is **63.9547, 0.3308, 0.3296**.

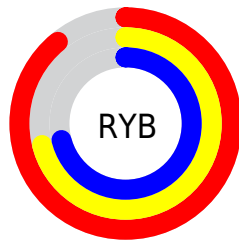
Distribution



Red (89%)

Green (71%)

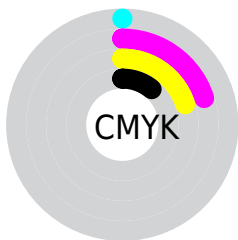
Blue (71%)



Red (89%)

Yellow (71%)

Blue (71%)

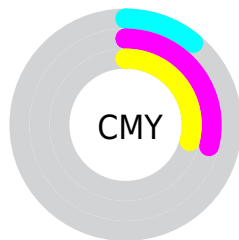


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1230, 0.3528, 0.3303 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 53.1230, 0.3528, 0.3303 by changing the saturation by 10% instead.


 53.1230, 0.3528,
0.3303

 53.1230, 0.3528,
0.3303


398.7568, 0.3331,
0.3299

 37.9010, 0.3576,
0.3303

 94.7853, 0.3457,
0.3302

 25.9058, 0.3638,
0.3303


121.9944, 0.3430,
0.3302

 16.7532, 0.3719,
0.3301


153.9680, 0.3407,
0.3301

 10.0587, 0.3831,
0.3298

191.0905, 0.3388,
0.3301

 5.4379, 0.3993,
0.3291

233.7462, 0.3371,
0.3301

 2.5064, 0.4251,
0.3273

282.3195, 0.3356,

 0.8798, 0.4850,

0.3300

0.3307

337.1950, 0.3342,
0.3300

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1230, 0.3528,
0.3303

53.1230, 0.3528,
0.3303

43.8879, 0.3802,
0.3310

63.9547, 0.3308,
0.3296

36.1671, 0.4139,
0.3317

76.4458, 0.3131,
0.3290

29.8820, 0.4541,
0.3323

90.6646, 0.2990,
0.3285

24.9442, 0.4998,
0.3328

95.0685, 0.2958,
0.3290

■ 21.2551, 0.5474,
0.3328

■ 18.7031, 0.5908,
0.3324

■ 17.1567, 0.6224,
0.3316

■ 16.4392, 0.6388,
0.3310

Harmonies

Analogous

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



53.1230, 0.3354, 0.3114



53.1230, 0.3528, 0.3303



53.1230, 0.3590, 0.3497

Triad

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



53.1230, 0.3528, 0.3303



53.1230, 0.3119, 0.3642



53.1230, 0.2741, 0.2933

Complementary

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



53.1230, 0.3528, 0.3303



69.7332, 0.2824, 0.3277

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.



53.1230, 0.2685, 0.3058



53.1230, 0.3528, 0.3303



53.1230, 0.2898, 0.3474

Square

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



53.1230, 0.3528, 0.3303



53.1230, 0.3349, 0.3704



53.1230, 0.2741, 0.3256



53.1230, 0.2899, 0.2903

Rectangle

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



53.1230, 0.3528, 0.3303



53.1230, 0.3559, 0.3604



53.1230, 0.2741, 0.3256



53.1230, 0.2710, 0.2964

Sweetspot

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



53.1254, 0.3528, 0.3303



89.8794, 0.3228, 0.3294



54.8712, 0.3157, 0.2796



19.0125, 0.3240, 0.3294



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.



53.1254, 0.3528, 0.3303



64.2547, 0.3628, 0.3306



63.2069, 0.3478, 0.3558



14.4195, 0.3292, 0.3296



9.6113, 0.6384, 0.3313



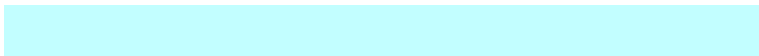
0.7287, 0.6336, 0.3351

Inverse Universe

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



69.7332, 0.2824, 0.3277



89.3088, 0.2771, 0.3274



58.1806, 0.2807, 0.3006



16.2779, 0.2982, 0.3284



33.6963, 0.2228, 0.3219



2.5078, 0.2231, 0.3230

Previews

White Background



This preview shows how the Yxy color 53.1230, 0.3528, 0.3303 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 53.1230, 0.3528, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

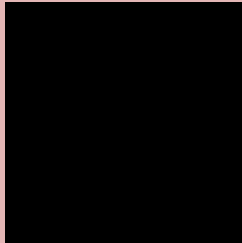
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1230, 0.3528, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 53.1230, 0.3528, 0.3303.



This preview shows how white text looks on a background with the Yxy color 53.1230, 0.3528, 0.3303.

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

53.1230, 0.3528, 0.3303

Protanopia

53.2929, 0.3214, 0.3352

Deuteranopia

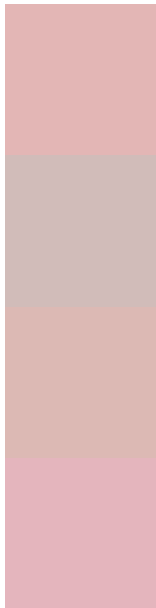
53.0120, 0.3432, 0.3362



Tritanopia

53.1956, 0.3438, 0.3133

Trichromacy



Original Color

53.1230, 0.3528, 0.3303

Protanomaly

53.0245, 0.3327, 0.3327

Deuteranomaly

53.2089, 0.3469, 0.3349

Tritanomaly

53.2159, 0.3470, 0.3200

Monochromacy



Original Color

53.1230, 0.3528, 0.3303

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8100, 0.3268, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1230, 0.3528, 0.3303 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(227, 182, 181)` looks like.

```
.text, #text, p{  
    color:rgb(227, 182, 181)  
}
```

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(227, 182, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 182, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.1230, 0.3528, 0.3303 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(227, 182, 181) }
```

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

```
.border{ border-color:rgb(227, 182, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 182, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 182, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 182, 181); box-shadow:4px 4px 4px 4px rgb(227, 182, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1230, 0.3528, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 182, 181) }
```

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

```
.background{ background-color: rgb(227,  
182, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor