

Converting Colors

Yxy(53.1789, 0.3594, 0.3333)

Have a look what the booklet for
Yxy(53.1789, 0.3594, 0.3333)
contains.

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Color

Yxy(53.2110, 0.3600, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	E7B5B1
RGB	231, 181, 177
RGB Percent	91%, 71%, 69%
CMY	0.0943, 0.2901, 0.3059
CMYK	0.00, 0.22, 0.23, 0.09
HSL	4°, 53%, 80%
HSV	4°, 23%, 91%
XYZ	57.4047, 53.2110, 48.8419
YIQ	195.4940, 31.0840, 9.3560

Conversions

Conversions Part 2

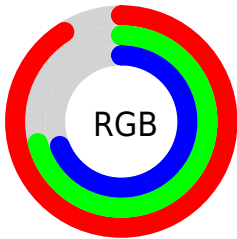
Format	Color
R _Y B	231, 181, 177
Decimal	15185329
CIE Lab	78.00, 17.47, 8.97
CIE LCh	78, 19.640, 27.171
Yxy	53.2110, 0.3600, 0.3337
Android (android.graphics.Color)	4293375409 (0xFFE7B5B1)
YUV	195.4940, -9.1175, 31.1388
Hunter-Lab	72.9459, 12.8153, 11.3637

Details

The Yxy color **53.2110, 0.3600, 0.3337** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0199, 0.2779, 0.3242**, and the grayscale version is **54.9248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7116, 0.3274, 0.3330**, and **26.0075, 0.3742, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **44.3314, 0.3885, 0.3359**, and if you desaturate by 10%, it is **63.5851, 0.3369, 0.3316**.

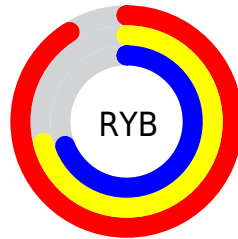
Distribution



Red (91%)

Green (71%)

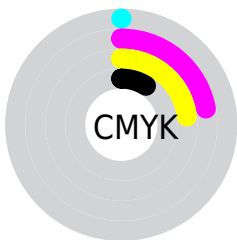
Blue (69%)



Red (91%)

Yellow (71%)

Blue (69%)

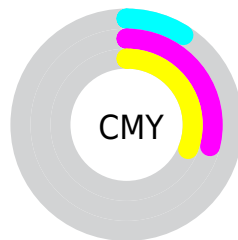


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (29%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2110, 0.3600, 0.3337 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 53.2110, 0.3600, 0.3337 by changing the saturation by 10% instead.

 53.2110, 0.3600,
0.3337

 53.2110, 0.3600,
0.3337


399.0941, 0.3367,
0.3318

 37.9712, 0.3657,
0.3340

 94.9148, 0.3516,
0.3331

 25.9604, 0.3730,
0.3344


122.1476, 0.3484,
0.3329

 16.7940, 0.3826,
0.3348


154.1469, 0.3457,
0.3326

 10.0877, 0.3957,
0.3351

191.2970, 0.3434,
0.3324

 5.4572, 0.4148,
0.3350

233.9824, 0.3414,
0.3323

 2.5179, 0.4451,
0.3340

282.5875, 0.3396,

 0.8856, 0.5237,

0.3321

337.4966, 0.3381,
0.3319

0.3450

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2110, 0.3600,
0.3337

53.2110, 0.3600,
0.3337

44.3314, 0.3885,
0.3359

63.5851, 0.3369,
0.3316

36.8705, 0.4230,
0.3379

75.5102, 0.3182,
0.3296

30.7569, 0.4635,
0.3396

89.0492, 0.3030,
0.3278

25.9102, 0.5087,
0.3405

95.7219, 0.2981,
0.3290

■ 22.2414, 0.5546,
0.3402

■ 19.6498, 0.5953,
0.3385

■ 18.0180, 0.6241,
0.3354

■ 17.3891, 0.6356,
0.3335

Harmonies

Analogous

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



53.2110, 0.3419, 0.3121



53.2110, 0.3600, 0.3337



53.2110, 0.3648, 0.3551

Triad

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



53.2110, 0.3600, 0.3337



53.2110, 0.3077, 0.3667



53.2110, 0.2714, 0.2876

Complementary

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



53.2110, 0.3600, 0.3337



70.0199, 0.2779, 0.3242

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.



53.2110, 0.2632, 0.2999



53.2110, 0.3600, 0.3337



53.2110, 0.2835, 0.3462

Square

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



53.2110, 0.3600, 0.3337



53.2110, 0.3339, 0.3757



53.2110, 0.2675, 0.3213



53.2110, 0.2904, 0.2861

Rectangle

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



53.2110, 0.3600, 0.3337



53.2110, 0.3598, 0.3665



53.2110, 0.2675, 0.3213



53.2110, 0.2673, 0.2905

Sweetspot

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



53.2135, 0.3600, 0.3337



88.8118, 0.3246, 0.3303



53.9940, 0.3183, 0.2746



18.8129, 0.3257, 0.3305



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.



53.2135, 0.3600, 0.3337



61.0637, 0.3729, 0.3347



65.0627, 0.3534, 0.3631



14.5395, 0.3291, 0.3308



9.8197, 0.6344, 0.3345



0.7863, 0.6195, 0.3463

Inverse Universe

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



70.0199, 0.2779, 0.3242



85.5350, 0.2713, 0.3232



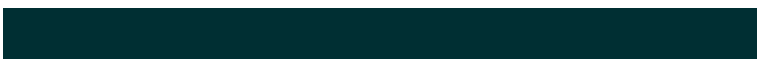
56.6016, 0.2753, 0.2924



16.1429, 0.2982, 0.3272



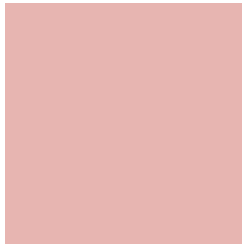
30.2191, 0.2182, 0.3056



2.2882, 0.2193, 0.3093

Previews

White Background



This preview shows how the Yxy color 53.2110, 0.3600, 0.3337 looks on a white background.

Color Contrast Check

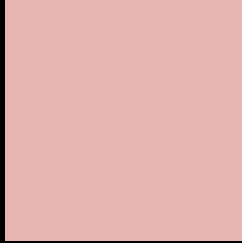
Large Text (above 18pt) WCAG AA × Fail

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 53.2110, 0.3600, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

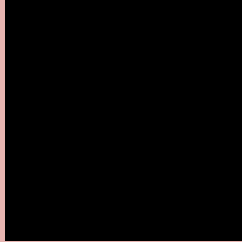
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2110, 0.3600, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 53.2110, 0.3600, 0.3337.



This preview shows how white text looks on a background with the Yxy color 53.2110, 0.3600, 0.3337.

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

53.2110, 0.3600, 0.3337

Protanopia

53.2603, 0.3253, 0.3401

Deuteranopia

53.1578, 0.3483, 0.3409



Tritanopia

53.3696, 0.3492, 0.3146

Trichromacy



Original Color

53.2110, 0.3600, 0.3337

Protanomaly

53.1515, 0.3377, 0.3374

Deuteranomaly

53.1035, 0.3531, 0.3384

Tritanomaly

53.3862, 0.3524, 0.3212

Monochromacy



Original Color

53.2110, 0.3600, 0.3337

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8676, 0.3292, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2110, 0.3600, 0.3337 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(231, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(231, 181, 177)  
}
```

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(231, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 53.2110, 0.3600, 0.3337 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(231, 181, 177) }
```

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

```
.border{ border-color:rgb(231, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(231, 181,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2110, 0.3600, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 181, 177) }
```

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

```
.background{ background-color: rgb(231,  
181, 177) }
```

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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