

Converting Colors

$Y_{xy}(53.6575, 0.3675, 0.3385)$

Have a look what the booklet for
Yxy(53.6575, 0.3675, 0.3385)
contains.

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Color

Yxy(53.7270, 0.3671, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	EBB5AD
RGB	235, 181, 173
RGB Percent	92%, 71%, 68%
CMY	0.0783, 0.2902, 0.3214
CMYK	0.00, 0.23, 0.26, 0.08
HSL	8°, 61%, 80%
HSV	8°, 26%, 92%
XYZ	58.3353, 53.7270, 46.8463
YIQ	196.2340, 34.7520, 8.9600

Conversions

Conversions Part 2

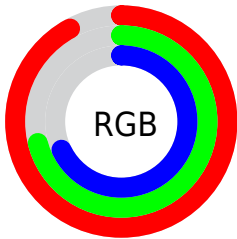
Format	Color
R _Y B	235, 182, 173
Decimal	15447469
CIE Lab	78.30, 18.44, 11.60
CIE LCh	78, 21.787, 32.185
Yxy	53.7270, 0.3671, 0.3381
Android (android.graphics.Color)	4293637549 (0xFFEBB5AD)
YUV	196.2340, -11.4544, 33.9978
Hunter-Lab	73.2987, 13.7879, 13.4160

Details

The Yxy color **53.7270, 0.3671, 0.3381** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8584, 0.2733, 0.3197**, and the grayscale version is **55.4073, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4298, 0.3306, 0.3379**, and **26.2838, 0.3814, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **45.1717, 0.3964, 0.3417**, and if you desaturate by 10%, it is **63.6720, 0.3430, 0.3345**.

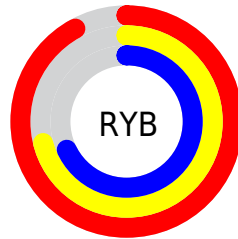
Distribution



Red (92%)

Green (71%)

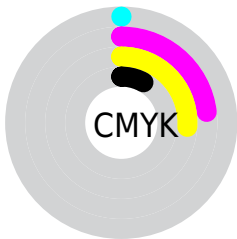
Blue (68%)



Red (92%)

Yellow (71%)

Blue (68%)

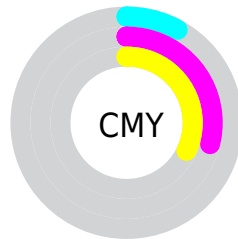


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7270, 0.3671, 0.3381 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 53.7270, 0.3671, 0.3381 by changing the saturation by 10% instead.


 53.7270, 0.3671,
0.3381

 53.7270, 0.3671,
0.3381


401.0681, 0.3403,
0.3342

 38.3834, 0.3737,
0.3389


 95.6733, 0.3575,
0.3368

 26.2804, 0.3820,
0.3398


123.0448, 0.3538,
0.3363

 17.0335, 0.3929,
0.3408


155.1944, 0.3507,
0.3359

 10.2584, 0.4079,
0.3418

192.5066, 0.3480,
0.3355

 5.5706, 0.4296,
0.3428

235.3656, 0.3457,
0.3351

 2.5858, 0.4635,
0.3427

284.1560, 0.3437,

 0.9195, 0.5618,

0.3348

0.3634

339.2620, 0.3419,
0.3345

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7270, 0.3671,
0.3381

53.7270, 0.3671,
0.3381

45.1717, 0.3964,
0.3417

63.6720, 0.3430,
0.3345

37.9369, 0.4314,
0.3451

75.0570, 0.3233,
0.3311

31.9590, 0.4717,
0.3477

87.9388, 0.3073,
0.3279

27.1657, 0.5158,
0.3490

96.4060, 0.3005,
0.3290

■ 23.4778, 0.5596,
0.3481

■ 20.8057, 0.5974,
0.3448

■ 19.0459, 0.6236,
0.3394

■ 18.6040, 0.6304,
0.3376

Harmonies

Analogous

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



53.7270, 0.3491, 0.3141



53.7270, 0.3671, 0.3381



53.7270, 0.3696, 0.3611

Triad

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



53.7270, 0.3671, 0.3381



53.7270, 0.3022, 0.3678



53.7270, 0.2699, 0.2822

Complementary

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



53.7270, 0.3671, 0.3381



69.8584, 0.2733, 0.3197

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.



53.7270, 0.2587, 0.2937



53.7270, 0.3671, 0.3381



53.7270, 0.2768, 0.3435

Square

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



53.7270, 0.3671, 0.3381



53.7270, 0.3313, 0.3802



53.7270, 0.2612, 0.3159



53.7270, 0.2924, 0.2827

Rectangle

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



53.7270, 0.3671, 0.3381



53.7270, 0.3622, 0.3729



53.7270, 0.2612, 0.3159



53.7270, 0.2647, 0.2847

Sweetspot

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



53.7295, 0.3671, 0.3381



87.9310, 0.3263, 0.3316



53.1550, 0.3216, 0.2705



18.3629, 0.3291, 0.3321



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.



53.7295, 0.3671, 0.3381



58.5241, 0.3833, 0.3402



67.4018, 0.3587, 0.3709



15.3658, 0.3290, 0.3321



10.4527, 0.6286, 0.3391



0.9212, 0.6074, 0.3559

Inverse Universe

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



69.8584, 0.2733, 0.3197



81.1643, 0.2654, 0.3174



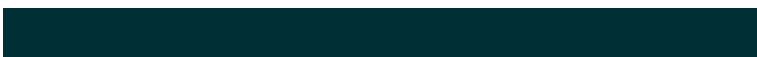
54.7266, 0.2698, 0.2831



16.7725, 0.2981, 0.3259



27.7224, 0.2133, 0.2880



2.2690, 0.2151, 0.2942

Previews

White Background



This preview shows how the Yxy color 53.7270, 0.3671, 0.3381 looks on a white background.

Color Contrast Check

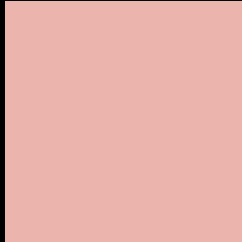
Large Text (above 18pt) WCAG AA × Fail

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 53.7270, 0.3671, 0.3381 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 53.7270, 0.3671, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 53.7270, 0.3671, 0.3381.



This preview shows how white text looks on a background with the Yxy color 53.7270, 0.3671, 0.3381.

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

53.7270, 0.3671, 0.3381

Protanopia

53.8121, 0.3300, 0.3462

Deuteranopia

53.8914, 0.3540, 0.3467



Tritanopia

53.6511, 0.3529, 0.3136

Trichromacy



Original Color

53.7270, 0.3671, 0.3381

Protanomaly

53.7157, 0.3425, 0.3434

Deuteranomaly

53.8452, 0.3589, 0.3441

Tritanomaly

53.5758, 0.3579, 0.3225

Monochromacy



Original Color

53.7270, 0.3671, 0.3381

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5941, 0.3307, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7270, 0.3671, 0.3381 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(235, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 181, 173)  
}
```

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(235, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 181, 173) }
```

Border

The CSS property to change the border of an element to Yxy 53.7270, 0.3671, 0.3381 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(235, 181, 173) }
```

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

```
.border{ border-color:rgb(235, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 181, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 181, 173); box-shadow:4px 4px 4px 4px rgb(235, 181, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7270, 0.3671, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 181, 173) }
```

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

```
.background{ background-color: rgb(235,  
181, 173) }
```

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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