

Converting Colors

Yxy(55.4707, 0.3726, 0.3469)

Have a look what the booklet for
Yxy(55.4707, 0.3726, 0.3469)
contains.

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Color

Yxy(55.2853, 0.3732, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	EEB8A8
RGB	238, 184, 168
RGB Percent	93%, 72%, 66%
CMY	0.0668, 0.2784, 0.3412
CMYK	0.00, 0.23, 0.29, 0.07
HSL	14°, 67%, 80%
HSV	14°, 29%, 93%
XYZ	59.4596, 55.2853, 44.5788
YIQ	198.3220, 37.3200, 6.4720

Conversions

Conversions Part 2

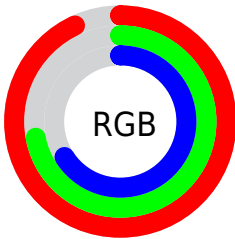
Format	Color
RYB	238, 189, 168
Decimal	15644840
CIELab	79.21, 17.26, 15.64
CIELCh	79, 23.290, 42.180
Yxy	55.2853, 0.3732, 0.3470
Android (android.graphics.Color)	4293834920 (0xFFEEB8A8)
YUV	198.3220, -14.9487, 34.7976
Hunter-Lab	74.3541, 12.6235, 16.5007

Details

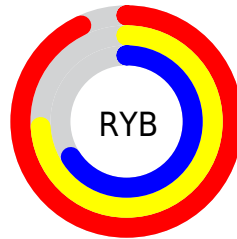
The Yxy color **55.2853, 0.3732, 0.3470** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7060, 0.2682, 0.3101**, and the grayscale version is **56.7538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **27.3173, 0.3896, 0.3509** is the 20% darker color. If you saturate the color by 10%, you get **47.3453, 0.4021, 0.3534**, and if you desaturate by 10%, it is **64.3813, 0.3489, 0.3406**.

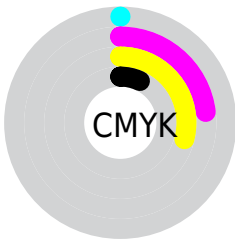
Distribution



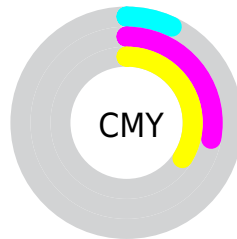
- Red (93%)
- Green (72%)
- Blue (66%)



- Red (93%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2853, 0.3732, 0.3470 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 55.2853, 0.3732, 0.3470 by changing the saturation by 10% instead.


 55.2853, 0.3732,
0.3470

 55.2853, 0.3732,
0.3470


406.9925, 0.3435,
0.3390

 39.6302, 0.3804,
0.3487

 97.9588, 0.3626,
0.3443

 27.2503, 0.3895,
0.3508


 125.7461, 0.3585,
0.3432

 17.7613, 0.4014,
0.3532


158.3461, 0.3551,
0.3423

 10.7788, 0.4176,
0.3561

196.1434, 0.3521,
0.3415

 5.9183, 0.4407,
0.3594

239.5222, 0.3496,
0.3407

 2.7954, 0.4760,
0.3625

288.8671, 0.3473,

 1.0259, 0.5928,

0.3401

0.4008

344.5624, 0.3453,
0.3395

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2853, 0.3732,
0.3470

55.2853, 0.3732,
0.3470

47.3453, 0.4021,
0.3534

64.3813, 0.3489,
0.3406

40.5069, 0.4358,
0.3592

74.6694, 0.3286,
0.3344

34.7229, 0.4737,
0.3636

86.1938, 0.3118,
0.3287

29.9395, 0.5142,
0.3657

96.9116, 0.3023,
0.3290

■ 26.0979, 0.5538,
0.3645

■ 23.1327, 0.5880,
0.3592

■ 20.9641, 0.6132,
0.3507

■ 20.8573, 0.6145,
0.3503

Harmonies

Analogous

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



55.2853, 0.3592, 0.3214



55.2853, 0.3732, 0.3470



55.2853, 0.3700, 0.3696

Triad

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



55.2853, 0.3732, 0.3470



55.2853, 0.2918, 0.3626



55.2853, 0.2742, 0.2783

Complementary

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



55.2853, 0.3732, 0.3470



66.7060, 0.2682, 0.3101

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.



55.2853, 0.2581, 0.2862



55.2853, 0.3732, 0.3470



55.2853, 0.2678, 0.3344

Square

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



55.2853, 0.3732, 0.3470



55.2853, 0.3221, 0.3808



55.2853, 0.2558, 0.3062



55.2853, 0.3010, 0.2830

Rectangle

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



55.2853, 0.3732, 0.3470



55.2853, 0.3587, 0.3799



55.2853, 0.2558, 0.3062



55.2853, 0.2674, 0.2795

Sweetspot

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



55.2879, 0.3732, 0.3470



87.8351, 0.3279, 0.3342



51.4914, 0.3286, 0.2705



18.4033, 0.3306, 0.3351



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.



55.2879, 0.3732, 0.3470



59.2030, 0.3892, 0.3507



71.2148, 0.3627, 0.3831



16.3462, 0.3288, 0.3345



11.8007, 0.6120, 0.3523



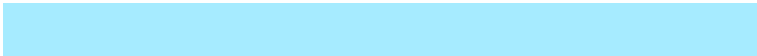
1.1277, 0.5869, 0.3722

Inverse Universe

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



66.7060, 0.2682, 0.3101



74.4636, 0.2601, 0.3059



50.3843, 0.2636, 0.2682



17.2791, 0.2981, 0.3235



22.6554, 0.2037, 0.2534



2.0325, 0.2068, 0.2645

Previews

White Background



This preview shows how the Yxy color 55.2853, 0.3732, 0.3470 looks on a white background.

Color Contrast Check

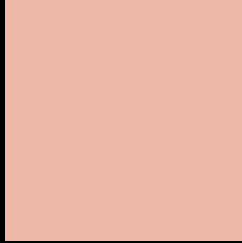
Large Text (above 18pt) WCAG AA × Fail

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 55.2853, 0.3732, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

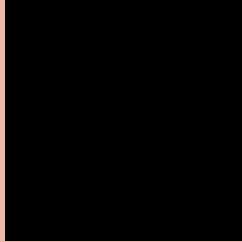
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2853, 0.3732, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 55.2853, 0.3732, 0.3470.



This preview shows how white text looks on a background with the Yxy color 55.2853, 0.3732, 0.3470.

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

55.2853, 0.3732, 0.3470

Protanopia

55.5150, 0.3368, 0.3557

Deuteranopia

55.3540, 0.3621, 0.3545



Tritanopia

55.2383, 0.3542, 0.3139

Trichromacy



Original Color

55.2853, 0.3732, 0.3470

Protanomaly

55.4295, 0.3494, 0.3527

Deuteranomaly

55.1537, 0.3661, 0.3519

Tritanomaly

55.0758, 0.3610, 0.3247

Monochromacy



Original Color

55.2853, 0.3732, 0.3470

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8739, 0.3338, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2853, 0.3732, 0.3470 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(238, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(238, 184, 168)  
}
```

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(238, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.2853, 0.3732, 0.3470 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(238, 184, 168) }
```

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

```
.border{ border-color:rgb(238, 184, 168) }
```

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

Here you see how a box with a 4 pixel rgb(238, 184, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(238, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2853, 0.3732, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 184, 168) }
```

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

```
.background{ background-color: rgb(238,  
184, 168) }
```

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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