

Converting Colors

Yxy(54.0668, 0.3761, 0.3431)

Have a look what the booklet for
Yxy(54.0668, 0.3761, 0.3431)
contains.

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Color

Yxy(53.9949, 0.3763, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	F0B4A8
RGB	240, 180, 168
RGB Percent	94%, 71%, 66%
CMY	0.0588, 0.2941, 0.3413
CMYK	0.00, 0.25, 0.30, 0.06
HSL	10°, 71%, 80%
HSV	10°, 30%, 94%
XYZ	59.3234, 53.9949, 44.3310
YIQ	196.5720, 39.6120, 8.9880

Conversions

Conversions Part 2

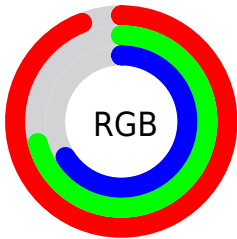
Format	Color
R _Y B	240, 182, 168
Decimal	15774888
CIE Lab	78.46, 20.15, 14.63
CIE LCh	78, 24.899, 35.975
Yxy	53.9949, 0.3763, 0.3425
Android (android.graphics.Color)	4293964968 (0xFFFF0B4A8)
YUV	196.5720, -14.0860, 38.0864
Hunter-Lab	73.4812, 15.5159, 15.6674

Details

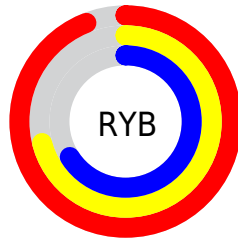
The Yxy color **53.9949, 0.3763, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.0882, 0.2679, 0.3150**, and the grayscale version is **55.6328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5786, 0.3339, 0.3419**, and **26.5070, 0.3940, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **45.6852, 0.4069, 0.3471**, and if you desaturate by 10%, it is **63.6390, 0.3509, 0.3378**.

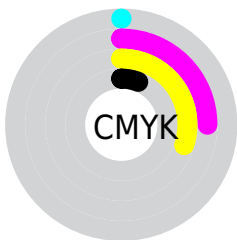
Distribution



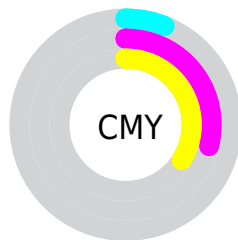
- Red (94%)
- Green (71%)
- Blue (66%)



- Red (94%)
- Yellow (71%)
- Blue (66%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9949, 0.3763, 0.3425 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 53.9949, 0.3763, 0.3425 by changing the saturation by 10% instead.


 53.9949, 0.3763,
0.3425


 53.9949, 0.3763,
0.3425


402.0906, 0.3450,
0.3367

 38.5976, 0.3839,
0.3437

 96.0668, 0.3650,
0.3406

 26.4468, 0.3937,
0.3450


 123.5101, 0.3608,
0.3398

 17.1582, 0.4064,
0.3465


155.7375, 0.3572,
0.3391

 10.3474, 0.4237,
0.3482

193.1335, 0.3540,
0.3385

 5.6299, 0.4486,
0.3497

236.0824, 0.3513,
0.3380

 2.6213, 0.4870,
0.3498

284.9686, 0.3490,

 0.9374, 0.6163,

0.3375

0.3837

340.1765, 0.3469,
0.3371

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9949, 0.3763,
0.3425

53.9949, 0.3763,
0.3425

45.6852, 0.4069,
0.3471

63.6390, 0.3509,
0.3378

38.6437, 0.4428,
0.3513

74.6650, 0.3299,
0.3332

32.8097, 0.4834,
0.3543

87.1273, 0.3127,
0.3290

28.1146, 0.5265,
0.3553

97.2658, 0.3035,
0.3290

■ 24.4826, 0.5679,
0.3534

■ 21.8286, 0.6022,
0.3485

■ 20.0484, 0.6254,
0.3416

Harmonies

Analogous

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



53.9949, 0.3577, 0.3152



53.9949, 0.3763, 0.3425



53.9949, 0.3767, 0.3681

Triad

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



53.9949, 0.3763, 0.3425



53.9949, 0.2965, 0.3707



53.9949, 0.2666, 0.2752

Complementary

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



53.9949, 0.3763, 0.3425



70.0882, 0.2679, 0.3150

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.



53.9949, 0.2523, 0.2863



53.9949, 0.3763, 0.3425



53.9949, 0.2688, 0.3414

Square

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



53.9949, 0.3763, 0.3425



53.9949, 0.3296, 0.3870



53.9949, 0.2530, 0.3100



53.9949, 0.2934, 0.2776

Rectangle

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



53.9949, 0.3763, 0.3425



53.9949, 0.3667, 0.3809



53.9949, 0.2530, 0.3100



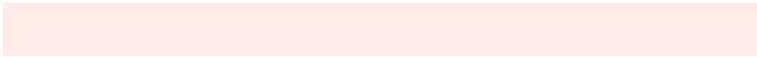
53.9949, 0.2603, 0.2774

Sweetspot

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



53.9974, 0.3763, 0.3425



87.0121, 0.3281, 0.3328



52.1253, 0.3260, 0.2657



18.2021, 0.3308, 0.3335



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.



53.9974, 0.3763, 0.3425



55.9630, 0.3943, 0.3454



70.4617, 0.3650, 0.3807



16.1852, 0.3289, 0.3330



11.1032, 0.6232, 0.3434



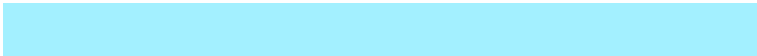
1.0470, 0.6003, 0.3616

Inverse Universe

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



70.0882, 0.2679, 0.3150



77.1546, 0.2596, 0.3117



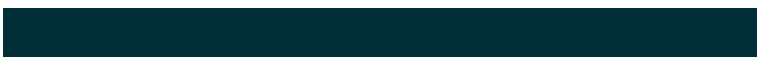
52.3082, 0.2629, 0.2712



17.4534, 0.2981, 0.3250



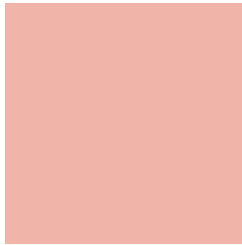
26.2077, 0.2097, 0.2749



2.2982, 0.2119, 0.2828

Previews

White Background



This preview shows how the Yxy color 53.9949, 0.3763, 0.3425 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 53.9949, 0.3763, 0.3425 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 53.9949, 0.3763, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 53.9949, 0.3763, 0.3425.



This preview shows how white text looks on a background with the Yxy color 53.9949, 0.3763, 0.3425.

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

53.9949, 0.3763, 0.3425

Protanopia

54.2353, 0.3338, 0.3523

Deuteranopia

54.0186, 0.3600, 0.3524



Tritanopia

54.0392, 0.3592, 0.3150

Trichromacy



Original Color

53.9949, 0.3763, 0.3425

Protanomaly

53.9727, 0.3492, 0.3492

Deuteranomaly

53.7290, 0.3661, 0.3486

Tritanomaly

53.9190, 0.3652, 0.3248

Monochromacy



Original Color

53.9949, 0.3763, 0.3425

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9529, 0.3349, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9949, 0.3763, 0.3425 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(240, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 180, 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(240, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 180, 168) }
```

Border

The CSS property to change the border of an element to Yxy 53.9949, 0.3763, 0.3425 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(240, 180, 168) }
```

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

```
.border{ border-color:rgb(240, 180, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 180, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 180, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 180,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9949, 0.3763, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 180, 168) }
```

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

```
.background{ background-color: rgb(240,  
180, 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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