

Converting Colors

$Yxy(56.6046, 0.3658, 0.3370)$

Have a look what the booklet for
Yxy(56.6046, 0.3658, 0.3370)
contains.

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Color

Yxy(56.4375, 0.3660, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	F0B9B2
RGB	240, 185, 178
RGB Percent	94%, 73%, 70%
CMY	0.0589, 0.2744, 0.3020
CMYK	0.00, 0.23, 0.26, 0.06
HSL	7°, 67%, 82%
HSV	7°, 26%, 94%
XYZ	61.3123, 56.4375, 49.7702
YIQ	200.6470, 35.0270, 9.4830

Conversions

Conversions Part 2

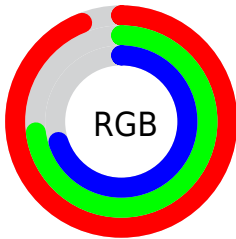
Format	Color
R _Y B	240, 186, 178
Decimal	15776178
CIE Lab	79.86, 18.82, 11.22
CIE LCh	80, 21.912, 30.789
Yxy	56.4375, 0.3660, 0.3369
Android (android.graphics.Color)	4293966258 (0xFFFF0B9B2)
YUV	200.6470, -11.1650, 34.5126
Hunter-Lab	75.1249, 14.2122, 13.3078

Details

The Yxy color $56.4375, 0.3660, 0.3369$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $73.9957, 0.2741, 0.3209$, and the grayscale version is $58.2328, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.1111, 0.3263, 0.3359$, and $28.0505, 0.3807, 0.3392$ is the 20% darker color. If you saturate the color by 10%, you get $47.3132, 0.3953, 0.3401$, and if you desaturate by 10%, it is $67.0674, 0.3420, 0.3337$.

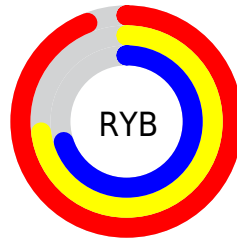
Distribution



Red (94%)

Green (73%)

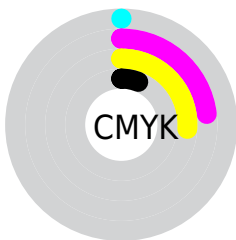
Blue (70%)



Red (94%)

Yellow (73%)

Blue (70%)

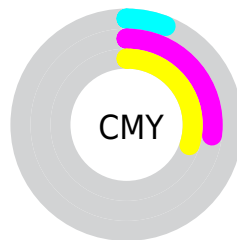


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (6%)



Cyan (6%)


Magenta (27%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4375, 0.3660, 0.3369 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 56.4375, 0.3660, 0.3369 by changing the saturation by 10% instead.

 56.4375, 0.3660,
0.3369

 56.4375, 0.3660,
0.3369


411.3382, 0.3400,
0.3336

 40.5538, 0.3723,
0.3375


 99.6440, 0.3567,
0.3358

 27.9706, 0.3803,
0.3383


127.7355, 0.3531,
0.3354

 18.3035, 0.3907,
0.3391


160.6651, 0.3501,
0.3350

 11.1681, 0.4049,
0.3399

198.8172, 0.3475,
0.3347

 6.1800, 0.4252,
0.3405

242.5762, 0.3453,
0.3344

 2.9549, 0.4565,
0.3403

292.3264, 0.3433,

 1.1082, 0.5265,

0.3341

0.3469

348.4523, 0.3415,
0.3338

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4375, 0.3660,
0.3369

56.4375, 0.3660,
0.3369

47.3132, 0.3953,
0.3401

67.0674, 0.3420,
0.3337

39.6189, 0.4304,
0.3431

79.2584, 0.3224,
0.3307

33.2843, 0.4711,
0.3455

93.0730, 0.3065,
0.3279

28.2300, 0.5157,
0.3466

97.2612, 0.3035,
0.3290

■ 24.3683, 0.5601,
0.3459

■ 21.6003, 0.5984,
0.3429

■ 19.8111, 0.6248,
0.3380

■ 19.3162, 0.6322,
0.3362

Harmonies

Analogous

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



56.4375, 0.3476, 0.3132



56.4375, 0.3660, 0.3369



56.4375, 0.3693, 0.3598

Triad

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



56.4375, 0.3660, 0.3369



56.4375, 0.3036, 0.3683



56.4375, 0.2695, 0.2829

Complementary

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



56.4375, 0.3660, 0.3369



73.9957, 0.2741, 0.3209

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.



56.4375, 0.2591, 0.2949



56.4375, 0.3660, 0.3369



56.4375, 0.2781, 0.3446

Square

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



56.4375, 0.3660, 0.3369



56.4375, 0.3324, 0.3798



56.4375, 0.2622, 0.3172



56.4375, 0.2914, 0.2829

Rectangle

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



56.4375, 0.3660, 0.3369



56.4375, 0.3624, 0.3718



56.4375, 0.2622, 0.3172



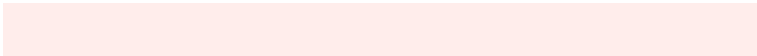
56.4375, 0.2646, 0.2856

Sweetspot

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



56.4401, 0.3660, 0.3369



87.7547, 0.3263, 0.3313



56.2817, 0.3205, 0.2706



18.3189, 0.3292, 0.3318



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.



56.4401, 0.3660, 0.3369



59.0586, 0.3807, 0.3386



70.4263, 0.3579, 0.3690



16.0477, 0.3291, 0.3317



10.6716, 0.6306, 0.3375



0.9819, 0.6120, 0.3523

Inverse Universe

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



73.9957, 0.2741, 0.3209



82.3718, 0.2669, 0.3191



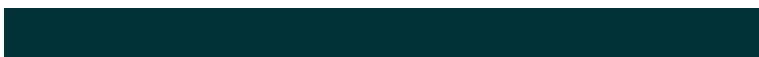
58.3599, 0.2708, 0.2854



17.6046, 0.2981, 0.3262



29.5524, 0.2147, 0.2929



2.5448, 0.2161, 0.2980

Previews

White Background



This preview shows how the Yxy color 56.4375, 0.3660, 0.3369 looks on a white background.

Color Contrast Check

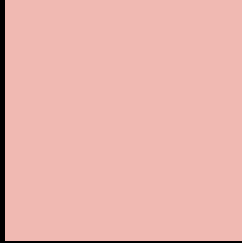
Large Text (above 18pt) WCAG AA × Fail

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 56.4375, 0.3660, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

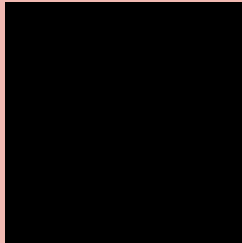
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4375, 0.3660, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 56.4375, 0.3660, 0.3369.



This preview shows how white text looks on a background with the Yxy color 56.4375, 0.3660, 0.3369.

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

56.4375, 0.3660, 0.3369

Protanopia

56.8701, 0.3280, 0.3446

Deuteranopia

56.4435, 0.3524, 0.3452



Tritanopia

56.3187, 0.3529, 0.3140

Trichromacy



Original Color

56.4375, 0.3660, 0.3369

Protanomaly

56.4228, 0.3419, 0.3419

Deuteranomaly

56.3925, 0.3572, 0.3427

Tritanomaly

56.2419, 0.3579, 0.3226

Monochromacy



Original Color

56.4375, 0.3660, 0.3369

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3275, 0.3304, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4375, 0.3660, 0.3369 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, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 185, 178)  
}
```

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, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 185, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.4375, 0.3660, 0.3369 is called "border". The border property can be set on classes, ids or directly on the HTML element.

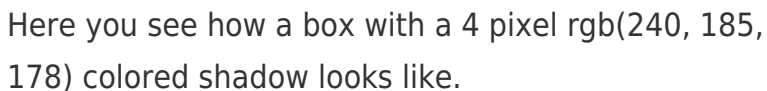
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 185, 178) }
```

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

```
.border{ border-color:rgb(240, 185, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 185, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 185, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 185, 178); box-shadow:4px 4px 4px 4px rgb(240, 185, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4375, 0.3660, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 185, 178) }
```

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

```
.background{ background-color: rgb(240,  
185, 178) }
```

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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