

Converting Colors

$Y_{xy}(72.6681, 0.3572, 0.3747)$

Have a look what the booklet for
Yxy(72.6681, 0.3572, 0.3747)
contains.

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Color

Yxy(72.8860, 0.3574, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	F0DCB1
RGB	240, 220, 177
RGB Percent	94%, 86%, 69%
CMY	0.0588, 0.1372, 0.3058
CMYK	0.00, 0.08, 0.26, 0.06
HSL	41°, 68%, 82%
HSV	41°, 26%, 94%
XYZ	69.4652, 72.8860, 52.0114
YIQ	221.0780, 25.7230, -9.1330

Conversions

Conversions Part 2

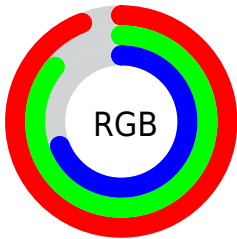
Format	Color
R _Y B	206, 240, 177
Decimal	15785137
CIE Lab	88.39, 0.41, 23.65
CIE LCh	88, 23.650, 89.008
Yxy	72.8860, 0.3574, 0.3750
Android (android.graphics.Color)	4293975217 (0xFFFF0DCB1)
YUV	221.0780, -21.7305, 16.5946
Hunter-Lab	85.3733, -4.1642, 23.6404

Details

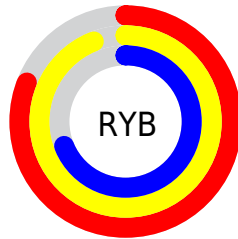
The Yxy color **72.8860, 0.3574, 0.3750** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.5791, 0.2695, 0.2783**, and the grayscale version is **72.5086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **38.4328, 0.3676, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **68.1059, 0.3770, 0.3930**, and if you desaturate by 10%, it is **78.0233, 0.3391, 0.3570**.

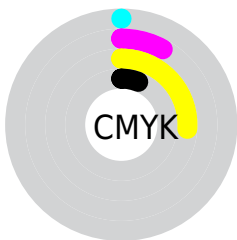
Distribution



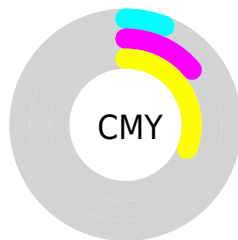
- Red (94%)
- Green (86%)
- Blue (69%)



- Red (81%)
- Yellow (94%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (26%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8860, 0.3574, 0.3750 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 72.8860, 0.3574, 0.3750 by changing the saturation by 10% instead.


 72.8860, 0.3574,
0.3750

 72.8860, 0.3574,
0.3750

470.6196, 0.3368,
0.3538

 53.8828, 0.3620,
0.3798


 123.3154, 0.3503,
0.3677

 38.5079, 0.3678,
0.3856


155.5103, 0.3475,
0.3649

 26.3771, 0.3749,
0.3929


192.8712, 0.3451,
0.3624

 17.1060, 0.3841,
0.4023

235.7825, 0.3430,
0.3602

 10.3101, 0.3963,
0.4148

284.6286, 0.3412,
0.3584

 5.6050, 0.4130,
0.4318

339.7939, 0.3396,

 2.6064, 0.4407,

0.3567

0.4598

401.6628, 0.3381,
0.3552

■ 0.9299, 0.4902,
0.5098

■ 0.0000, 0.0000,
0.0000

■ 72.8860, 0.3574,
0.3750

■ 72.8860, 0.3574,
0.3750

■ 68.1059, 0.3770,
0.3930

■ 78.0233, 0.3391,
0.3570

■ 63.6618, 0.3975,
0.4103

■ 83.5185, 0.3224,
0.3395

■ 59.5451, 0.4183,
0.4259

■ 89.3847, 0.3072,
0.3229

■ 55.7426, 0.4385,
0.4386

■ 94.4159, 0.3036,
0.3246

■ 52.2396, 0.4572,
0.4474

■ 97.2651, 0.3035,
0.3290

■ 49.0195, 0.4733,
0.4513

■ 46.0621, 0.4861,
0.4501

■ 45.0073, 0.4904,
0.4488

Harmonies

Analogous

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



72.8860, 0.3690, 0.3584



72.8860, 0.3574, 0.3750



72.8860, 0.3339, 0.3796

Triad

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



72.8860, 0.3574, 0.3750



72.8860, 0.2632, 0.3189



72.8860, 0.3181, 0.2933

Complementary

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



72.8860, 0.3574, 0.3750



55.5791, 0.2695, 0.2783

Split Complementary

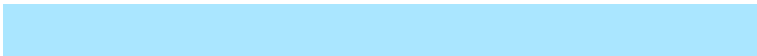
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8860, 0.2900, 0.2830



72.8860, 0.3574, 0.3750



72.8860, 0.2594, 0.2963

Square

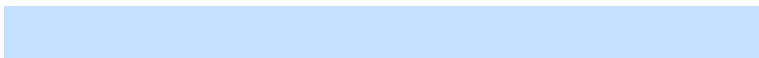
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8860, 0.3574, 0.3750



72.8860, 0.2797, 0.3460



72.8860, 0.2689, 0.2837



72.8860, 0.3459, 0.3121

Rectangle

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



72.8860, 0.3574, 0.3750



72.8860, 0.3150, 0.3742



72.8860, 0.2689, 0.2837



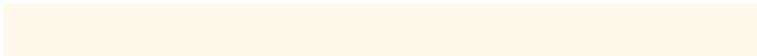
72.8860, 0.3084, 0.2887

Sweetspot

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



72.8893, 0.3574, 0.3750



94.6924, 0.3252, 0.3426



54.0549, 0.3504, 0.3062



20.0610, 0.3277, 0.3452



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.



72.8893, 0.3574, 0.3750



80.9331, 0.3668, 0.3838



82.2353, 0.3449, 0.3963



17.5634, 0.3276, 0.3451



24.8878, 0.4890, 0.4500



2.2485, 0.4775, 0.4591

Inverse Universe

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



55.5791, 0.2695, 0.2783



58.2388, 0.2608, 0.2672



48.3733, 0.2748, 0.2553



16.0477, 0.2980, 0.3124



6.4990, 0.1622, 0.1040



0.7130, 0.1695, 0.1300

Previews

White Background



This preview shows how the Yxy color 72.8860, 0.3574, 0.3750 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 72.8860, 0.3574, 0.3750 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

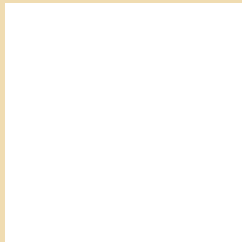
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8860, 0.3574, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 72.8860, 0.3574, 0.3750.



This preview shows how white text looks on a background with the Yxy color 72.8860, 0.3574, 0.3750.

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

72.8860, 0.3574, 0.3750

Protanopia

72.7601, 0.3534, 0.3754

Deuteranopia

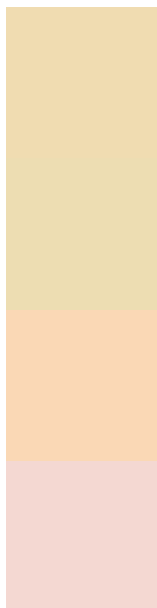
72.7720, 0.3663, 0.3610



Tritanopia

72.8385, 0.3260, 0.3127

Trichromacy



Original Color

72.8860, 0.3574, 0.3750

Protanomaly

72.9318, 0.3541, 0.3753

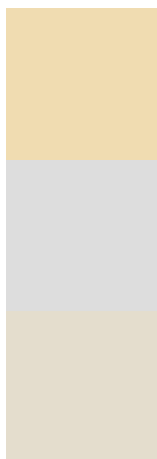
Deuteranomaly

72.7719, 0.3633, 0.3656

Tritanomaly

72.9980, 0.3376, 0.3353

Monochromacy



Original Color

72.8860, 0.3574, 0.3750

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6147, 0.3285, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8860, 0.3574, 0.3750 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, 220, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 220, 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(240, 220, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 220, 177) }
```

Border

The CSS property to change the border of an element to Yxy 72.8860, 0.3574, 0.3750 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, 220, 177) }
```

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

```
.border{ border-color:rgb(240, 220, 177) }
```

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

Here you see how a box with a 4 pixel rgb(240, 220, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 220, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 220, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 220,  
177) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8860, 0.3574, 0.3750$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 220, 177) }
```

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

```
.background{ background-color: rgb(240,  
220, 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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