

Converting Colors

$Yxy(60.5391, 0.3654, 0.3580)$

Have a look what the booklet for
Yxy(60.5391, 0.3654, 0.3580)
contains.

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Color

Yxy(60.7056, 0.3650, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	ECC5AB
RGB	236, 197, 171
RGB Percent	93%, 77%, 67%
CMY	0.0745, 0.2274, 0.3293
CMYK	0.00, 0.17, 0.28, 0.07
HSL	24°, 63%, 80%
HSV	24°, 28%, 93%
XYZ	61.9099, 60.7056, 47.0006
YIQ	205.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

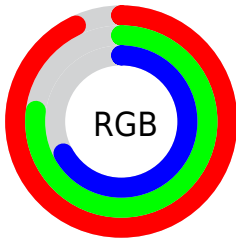
Format	Color
R _{YB}	236, 214, 171
Decimal	15517099
CIE Lab	82.22, 10.06, 18.19
CIE LCh	82, 20.789, 61.064
Yxy	60.7056, 0.3650, 0.3579
Android (android.graphics.Color)	4293707179 (0xFFECC5AB)
YUV	205.6970, -17.1056, 26.5757
Hunter-Lab	77.9138, 5.4860, 18.7736

Details

The Yxy color $60.7056, 0.3650, 0.3579$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $60.8234, 0.2696, 0.2981$, and the grayscale version is $61.6166, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6346, 0.3299, 0.3562$, and $30.5605, 0.3780, 0.3639$ is the 20% darker color. If you saturate the color by 10%, you get $53.7534, 0.3898, 0.3689$, and if you desaturate by 10%, it is $68.4286, 0.3435, 0.3470$.

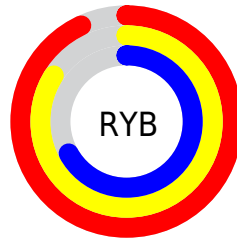
Distribution



Red (93%)

Green (77%)

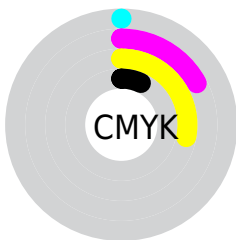
Blue (67%)



Red (93%)

Yellow (84%)

Blue (67%)

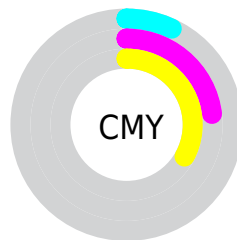


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (23%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7056, 0.3650, 0.3579 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 60.7056, 0.3650, 0.3579 by changing the saturation by 10% instead.

 60.7056, 0.3650,
0.3579

 60.7056, 0.3650,
0.3579

427.1937, 0.3399,
0.3446

 43.9876, 0.3710,
0.3609


 105.8526, 0.3561,
0.3533

 30.6608, 0.3785,
0.3646


135.0503, 0.3527,
0.3515

 20.3407, 0.3881,
0.3691


169.1768, 0.3498,
0.3500

 12.6429, 0.4010,
0.3750

208.6164, 0.3472,
0.3486

 7.1831, 0.4190,
0.3825

253.7535, 0.3450,
0.3474

 3.5769, 0.4455,
0.3924

304.9725, 0.3431,

 1.4398, 0.5142,

0.3464

0.4263

362.6578, 0.3414,
0.3454

0.2458, 0.6610,
0.3390

0.0000, 0.0000,
0.0000

60.7056, 0.3650,
0.3579

60.7056, 0.3650,
0.3579

53.7534, 0.3898,
0.3689

68.4286, 0.3435,
0.3470

47.5384, 0.4177,
0.3793

76.9377, 0.3249,
0.3365

42.0368, 0.4484,
0.3883

86.2586, 0.3090,
0.3266

37.2200, 0.4808,
0.3946

95.7225, 0.3011,
0.3277

■ 33.0573, 0.5130,
0.3970

■ 96.5716, 0.3011,
0.3290

■ 29.5147, 0.5424,
0.3942

■ 26.5522, 0.5668,
0.3861

■ 25.8986, 0.5723,
0.3838

Harmonies

Analogous

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



60.7056, 0.3621, 0.3367



60.7056, 0.3650, 0.3579



60.7056, 0.3533, 0.3727

Triad

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



60.7056, 0.3650, 0.3579



60.7056, 0.2805, 0.3432



60.7056, 0.2932, 0.2862

Complementary

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



60.7056, 0.3650, 0.3579



60.8234, 0.2696, 0.2981

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.



60.7056, 0.2728, 0.2862



60.7056, 0.3650, 0.3579



60.7056, 0.2657, 0.3180

Square

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



60.7056, 0.3650, 0.3579



60.7056, 0.3041, 0.3651



60.7056, 0.2629, 0.2973



60.7056, 0.3197, 0.2965

Rectangle

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



60.7056, 0.3650, 0.3579



60.7056, 0.3391, 0.3764



60.7056, 0.2629, 0.2973



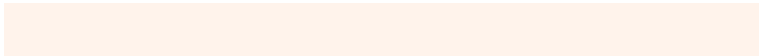
60.7056, 0.2854, 0.2850

Sweetspot

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



60.7084, 0.3650, 0.3579



91.1900, 0.3258, 0.3370



51.6796, 0.3365, 0.2854



19.1788, 0.3284, 0.3386



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

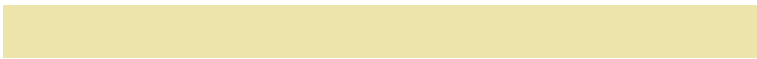
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7084, 0.3650, 0.3579



67.6143, 0.3785, 0.3641



76.4885, 0.3563, 0.3904



16.0423, 0.3283, 0.3385



14.5139, 0.5695, 0.3860



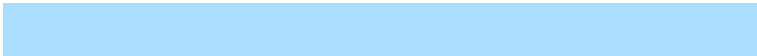
1.3233, 0.5441, 0.4061

Inverse Universe

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



60.8234, 0.2696, 0.2981



67.7635, 0.2608, 0.2908



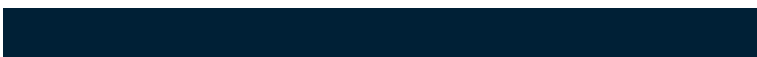
46.8044, 0.2656, 0.2591



16.0529, 0.2981, 0.3194



14.2052, 0.1869, 0.1926



1.3028, 0.1926, 0.2135

Previews

White Background



This preview shows how the Yxy color 60.7056, 0.3650, 0.3579 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 60.7056, 0.3650, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

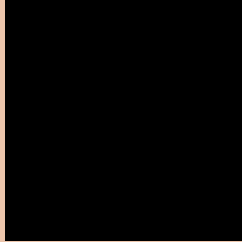
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7056, 0.3650, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 60.7056, 0.3650, 0.3579.



This preview shows how white text looks on a background with the Yxy color 60.7056, 0.3650, 0.3579.

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

60.7056, 0.3650, 0.3579

Protanopia

60.7279, 0.3427, 0.3629

Deuteranopia

60.7056, 0.3650, 0.3579



Tritanopia

60.7295, 0.3404, 0.3130

Trichromacy



Original Color

60.7056, 0.3650, 0.3579

Protanomaly

60.5173, 0.3507, 0.3600

Deuteranomaly

60.7056, 0.3650, 0.3579

Tritanomaly

60.8293, 0.3497, 0.3291

Monochromacy



Original Color

60.7056, 0.3650, 0.3579

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.3138, 0.3310, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7056, 0.3650, 0.3579 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(236, 197, 171)` looks like.

```
.text, #text, p{  
    color:rgb(236, 197, 171)  
}
```

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(236, 197, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 197, 171) }
```

Border

The CSS property to change the border of an element to Yxy 60.7056, 0.3650, 0.3579 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(236, 197, 171) }
```

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

```
.border{ border-color:rgb(236, 197, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 197, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 197, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 197, 171);  
box-shadow:4px 4px 4px 4px rgb(236, 197,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7056, 0.3650, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 197, 171) }
```

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

```
.background{ background-color: rgb(236,  
197, 171) }
```

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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