

Converting Colors

Yxy(61.9606, 0.3579, 0.3627)

Have a look what the booklet for
Yxy(61.9606, 0.3579, 0.3627)
contains.

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Color

Yxy(62.0426, 0.3578, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	E6CAAC
RGB	230, 202, 172
RGB Percent	90%, 79%, 67%
CMY	0.0982, 0.2077, 0.3255
CMYK	0.00, 0.12, 0.25, 0.10
HSL	31°, 54%, 79%
HSV	31°, 25%, 90%
XYZ	61.1875, 62.0426, 47.7803
YIQ	206.9520, 26.3180, -3.3940

Conversions

Conversions Part 2

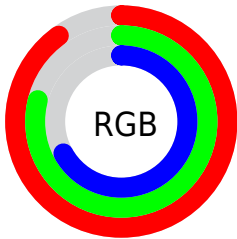
Format	Color
RYB	226, 230, 172
Decimal	15125164
CIELab	82.94, 5.28, 18.60
CIELCh	83, 19.332, 74.148
Yxy	62.0426, 0.3578, 0.3628
Android (android.graphics.Color)	4293315244 (0xFFE6CAAC)
YUV	206.9520, -17.2313, 20.2131
Hunter-Lab	78.7671, 0.8192, 19.1715

Details

The Yxy color $62.0426, 0.3578, 0.3628$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $55.7552, 0.2725, 0.2926$, and the grayscale version is $62.4630, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.3261, 0.3292, 0.3562$, and $31.5345, 0.3691, 0.3703$ is the 20% darker color. If you saturate the color by 10%, you get $56.2214, 0.3798, 0.3769$, and if you desaturate by 10%, it is $68.3958, 0.3382, 0.3489$.

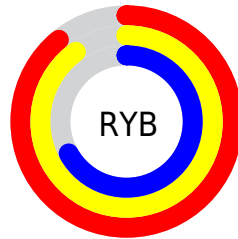
Distribution



Red (90%)

Green (79%)

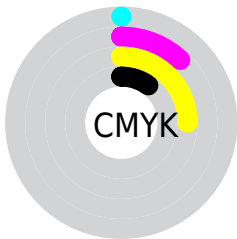
Blue (67%)



Red (89%)

Yellow (90%)

Blue (67%)

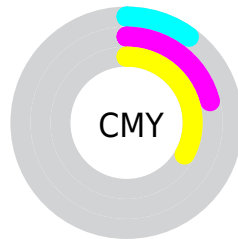


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0426, 0.3578, 0.3628 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 62.0426, 0.3578, 0.3628 by changing the saturation by 10% instead.


 62.0426, 0.3578,
0.3628

 62.0426, 0.3578,
0.3628

432.0865, 0.3363,
0.3470

 45.0671, 0.3629,
0.3664


 107.7871, 0.3502,
0.3573

 31.5103, 0.3692,
0.3709


137.3249, 0.3473,
0.3552

 20.9877, 0.3773,
0.3766


171.8189, 0.3448,
0.3533

 13.1150, 0.3881,
0.3839

211.6536, 0.3426,
0.3517

 7.5078, 0.4031,
0.3938

257.2133, 0.3407,
0.3503

 3.7817, 0.4250,
0.4074

308.8824, 0.3391,

 1.5522, 0.4798,

0.3491

0.4458

367.0453, 0.3376,
0.3480

0.3250, 0.5739,
0.4261

0.0000, 0.0000,
0.0000

62.0426, 0.3578,
0.3628

62.0426, 0.3578,
0.3628

56.2214, 0.3798,
0.3769

68.3958, 0.3382,
0.3489

50.9080, 0.4040,
0.3905

75.2873, 0.3209,
0.3356

46.0886, 0.4300,
0.4027

82.7342, 0.3057,
0.3231

41.7455, 0.4569,
0.4125

90.1579, 0.2975,
0.3203

■ 37.8593, 0.4834,
0.4185

■ 95.5544, 0.2975,
0.3290

■ 34.4086, 0.5078,
0.4195

■ 31.3688, 0.5285,
0.4151

■ 30.0409, 0.5374,
0.4115

Harmonies

Analogous

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



62.0426, 0.3611, 0.3452



62.0426, 0.3578, 0.3628



62.0426, 0.3421, 0.3722

Triad

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



62.0426, 0.3578, 0.3628



62.0426, 0.2757, 0.3320



62.0426, 0.3051, 0.2924

Complementary

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



62.0426, 0.3578, 0.3628



55.7552, 0.2725, 0.2926

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.



62.0426, 0.2830, 0.2881



62.0426, 0.3578, 0.3628



62.0426, 0.2666, 0.3098

Square

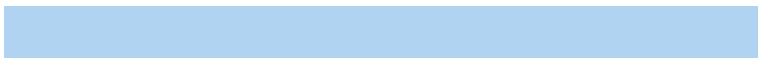
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.0426, 0.3578, 0.3628



62.0426, 0.2946, 0.3543



62.0426, 0.2692, 0.2940



62.0426, 0.3300, 0.3055

Rectangle

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



62.0426, 0.3578, 0.3628



62.0426, 0.3270, 0.3717



62.0426, 0.2692, 0.2940



62.0426, 0.2971, 0.2899

Sweetspot

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



62.0454, 0.3578, 0.3628



92.6424, 0.3256, 0.3393



50.4907, 0.3407, 0.2976



19.5440, 0.3281, 0.3413



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.



62.0454, 0.3578, 0.3628



74.7075, 0.3684, 0.3698



76.1983, 0.3500, 0.3920



15.5971, 0.3279, 0.3412



17.2624, 0.5350, 0.4134



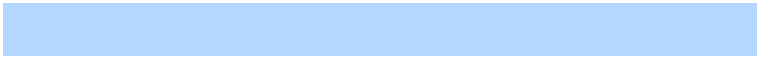
1.4615, 0.5136, 0.4304

Inverse Universe

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



55.7552, 0.2725, 0.2926



65.5310, 0.2643, 0.2843



44.0966, 0.2701, 0.2575



15.0276, 0.2981, 0.3165



9.8928, 0.1756, 0.1522



0.9163, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 62.0426, 0.3578, 0.3628 looks on a white background.

Color Contrast Check

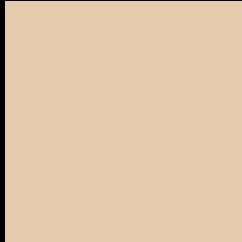
Large Text (above 18pt) WCAG AA × Fail

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 62.0426, 0.3578, 0.3628 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 62.0426, 0.3578, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 62.0426, 0.3578, 0.3628.



This preview shows how white text looks on a background with the Yxy color 62.0426, 0.3578, 0.3628.

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

62.0426, 0.3578, 0.3628

Protanopia

62.1040, 0.3455, 0.3660

Deuteranopia

62.2147, 0.3654, 0.3576



Tritanopia

61.8955, 0.3318, 0.3118

Trichromacy



Original Color

62.0426, 0.3578, 0.3628

Protanomaly

62.2094, 0.3498, 0.3657

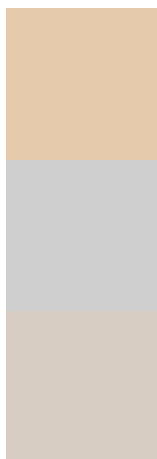
Deuteranomaly

62.1586, 0.3626, 0.3589

Tritanomaly

61.7430, 0.3416, 0.3302

Monochromacy



Original Color

62.0426, 0.3578, 0.3628

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0048, 0.3284, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0426, 0.3578, 0.3628 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(230, 202, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 172)  
}
```

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(230, 202, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 172) }
```

Border

The CSS property to change the border of an element to Yxy 62.0426, 0.3578, 0.3628 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(230, 202, 172) }
```

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

```
.border{ border-color:rgb(230, 202, 172) }
```

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

Here you see how a box with a 4 pixel rgb(230, 202, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0426, 0.3578, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 172) }
```

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

```
.background{ background-color: rgb(230,  
202, 172) }
```

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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