

Converting Colors

$Yxy(63.1067, 0.3601, 0.3734)$

Have a look what the booklet for
Yxy(63.1067, 0.3601, 0.3734)
contains.

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Color

Yxy(62.9098, 0.3600, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	E4CDA6
RGB	228, 205, 166
RGB Percent	89%, 80%, 65%
CMY	0.1058, 0.1961, 0.3489
CMYK	0.00, 0.10, 0.27, 0.11
HSL	38°, 53%, 77%
HSV	38°, 27%, 89%
XYZ	60.7172, 62.9098, 45.0319
YIQ	207.4310, 26.2270, -7.2530

Conversions

Conversions Part 2

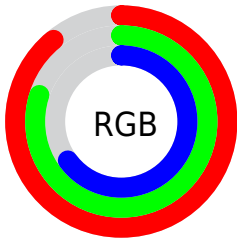
Format	Color
RYB	203, 228, 166
Decimal	14994854
CIELab	83.39, 2.19, 22.36
CIELCh	83, 22.467, 84.396
Yxy	62.9098, 0.3600, 0.3730
Android (android.graphics.Color)	4293184934 (0xFFE4CDA6)
YUV	207.4310, -20.4255, 18.0390
Hunter-Lab	79.3157, -2.1583, 21.8587

Details

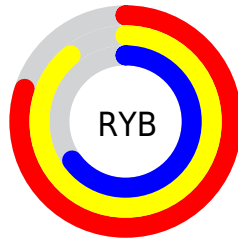
The Yxy color **62.9098, 0.3600, 0.3730** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.1340, 0.2684, 0.2806**, and the grayscale version is **62.8155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **32.1188, 0.3717, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **58.2049, 0.3805, 0.3897**, and if you desaturate by 10%, it is **67.9882, 0.3411, 0.3563**.

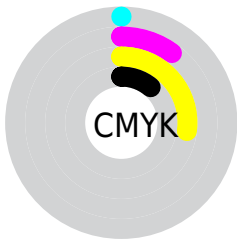
Distribution



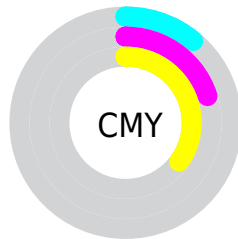
- Red (89%)
- Green (80%)
- Blue (65%)



- Red (80%)
- Yellow (89%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (27%)
- Black (11%)





- Cyan (11%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9098, 0.3600, 0.3730 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 62.9098, 0.3600, 0.3730 by changing the saturation by 10% instead.


 62.9098, 0.3600,
0.3730

 62.9098, 0.3600,
0.3730


435.2421, 0.3376,
0.3523

 45.7682, 0.3652,
0.3778


 109.0394, 0.3521,
0.3658

 32.0630, 0.3717,
0.3837


 138.7962, 0.3491,
0.3630

 21.4096, 0.3800,
0.3911


173.5268, 0.3465,
0.3606

 13.4237, 0.3908,
0.4008

213.6158, 0.3442,
0.3585

 7.7210, 0.4056,
0.4138

259.4474, 0.3423,
0.3567

 3.9169, 0.4264,
0.4317

311.4060, 0.3405,

 1.6272, 0.4924,

0.3551

0.4921

369.8761, 0.3390,
0.3536

0.3758, 0.5222,
0.4778

0.0000, 0.0000,
0.0000

62.9098, 0.3600,
0.3730

62.9098, 0.3600,
0.3730

58.2049, 0.3805,
0.3897

67.9882, 0.3411,
0.3563

53.8537, 0.4024,
0.4057

73.4422, 0.3239,
0.3401

49.8470, 0.4248,
0.4199

79.2846, 0.3086,
0.3248

46.1716, 0.4471,
0.4314

85.3801, 0.2962,
0.3126

■ 42.8132, 0.4679,
0.4388

■ 90.4537, 0.2963,
0.3213

■ 39.7552, 0.4862,
0.4412

■ 95.2383, 0.2964,
0.3290

■ 36.9773, 0.5012,
0.4384

■ 36.2386, 0.5051,
0.4371

Harmonies

Analogous

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



62.9098, 0.3693, 0.3550



62.9098, 0.3600, 0.3730



62.9098, 0.3380, 0.3797

Triad

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



62.9098, 0.3600, 0.3730



62.9098, 0.2651, 0.3230



62.9098, 0.3136, 0.2911

Complementary

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



62.9098, 0.3600, 0.3730



50.1340, 0.2684, 0.2806

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.



62.9098, 0.2863, 0.2824



62.9098, 0.3600, 0.3730



62.9098, 0.2592, 0.2993

Square

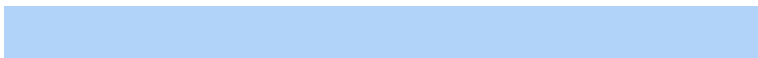
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.9098, 0.3600, 0.3730



62.9098, 0.2833, 0.3500



62.9098, 0.2667, 0.2850



62.9098, 0.3419, 0.3088

Rectangle

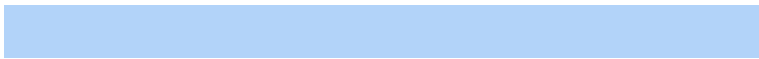
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.9098, 0.3600, 0.3730



62.9098, 0.3194, 0.3759



62.9098, 0.2667, 0.2850



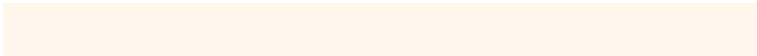
62.9098, 0.3040, 0.2871

Sweetspot

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



62.9127, 0.3600, 0.3730



94.0148, 0.3253, 0.3415



47.4898, 0.3492, 0.3020



19.8899, 0.3278, 0.3439



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.



62.9127, 0.3600, 0.3730



77.3658, 0.3722, 0.3831



73.5952, 0.3483, 0.3981



15.8700, 0.3277, 0.3437



21.1544, 0.5034, 0.4385



1.7397, 0.4879, 0.4508

Inverse Universe

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



50.1340, 0.2684, 0.2806



58.1541, 0.2579, 0.2680



41.7998, 0.2710, 0.2520



14.7598, 0.2981, 0.3138



7.1673, 0.1663, 0.1186



0.7029, 0.1744, 0.1478

Previews

White Background



This preview shows how the Yxy color 62.9098, 0.3600, 0.3730 looks on a white background.

Color Contrast Check

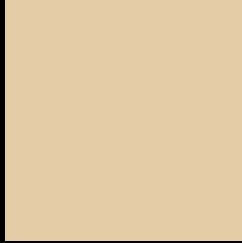
Large Text (above 18pt) WCAG AA × Fail

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 62.9098, 0.3600, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

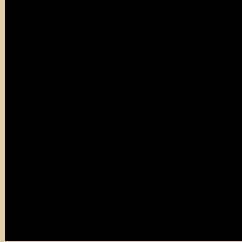
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9098, 0.3600, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 62.9098, 0.3600, 0.3730.



This preview shows how white text looks on a background with the Yxy color 62.9098, 0.3600, 0.3730.

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

62.9098, 0.3600, 0.3730

Protanopia

62.7878, 0.3530, 0.3749

Deuteranopia

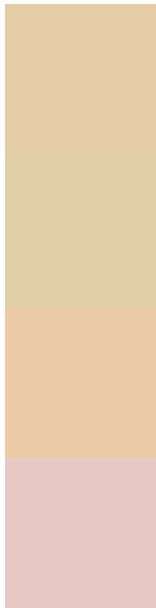
62.9758, 0.3723, 0.3650



Tritanopia

62.7356, 0.3293, 0.3118

Trichromacy



Original Color

62.9098, 0.3600, 0.3730

Protanomaly

62.7799, 0.3557, 0.3735

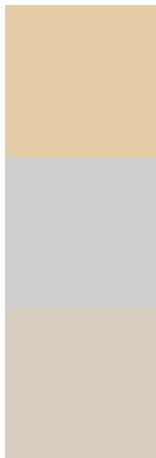
Deuteranomaly

63.0356, 0.3676, 0.3676

Tritanomaly

62.9603, 0.3403, 0.3335

Monochromacy



Original Color

62.9098, 0.3600, 0.3730

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3955, 0.3297, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9098, 0.3600, 0.3730 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(228, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(228, 205, 166)  
}
```

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(228, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 205, 166) }
```

Border

The CSS property to change the border of an element to Yxy 62.9098, 0.3600, 0.3730 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(228, 205, 166) }
```

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

```
.border{ border-color:rgb(228, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 205, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 205, 166); box-shadow:4px 4px 4px 4px rgb(228, 205, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9098, 0.3600, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 205, 166) }
```

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

```
.background{ background-color: rgb(228,  
205, 166) }
```

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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