

Converting Colors

$Yxy(64.5371, 0.3718, 0.3963)$

Have a look what the booklet for
Yxy(64.5371, 0.3718, 0.3963)
contains.

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Color

Yxy(64.4289, 0.3722, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	E5D195
RGB	229, 209, 149
RGB Percent	90%, 82%, 58%
CMY	0.1019, 0.1804, 0.4156
CMYK	0.00, 0.09, 0.35, 0.10
HSL	45°, 61%, 74%
HSV	45°, 35%, 90%
XYZ	60.5414, 64.4289, 37.6879
YIQ	208.1400, 31.1800, -14.4200

Conversions

Conversions Part 2

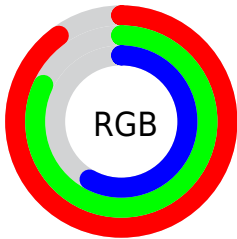
Format	Color
R _Y B	176, 229, 149
Decimal	15061397
CIE Lab	84.19, -1.64, 32.31
CIE LCh	84, 32.356, 92.911
Yxy	64.4289, 0.3722, 0.3961
Android (android.graphics.Color)	4293251477 (0xFFE5D195)
YUV	208.1400, -29.1560, 18.2942
Hunter-Lab	80.2676, -5.8358, 28.3490

Details

The Yxy color **64.4289, 0.3722, 0.3961** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4357, 0.2531, 0.2512**, and the grayscale version is **63.3529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **33.0952, 0.3851, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **61.0104, 0.3911, 0.4149**, and if you desaturate by 10%, it is **68.0982, 0.3538, 0.3766**.

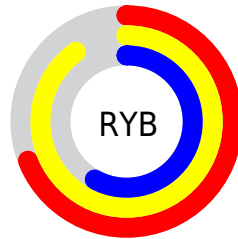
Distribution



Red (90%)

Green (82%)

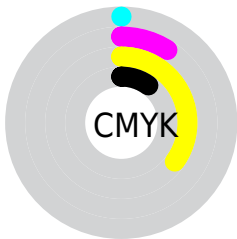
Blue (58%)



Red (69%)

Yellow (90%)

Blue (58%)

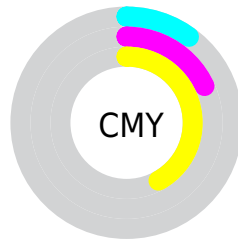


Cyan (0%)

Magenta (9%)

Yellow (35%)

Black (10%)



Cyan (10%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4289, 0.3722, 0.3961 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 64.4289, 0.3722, 0.3961 by changing the saturation by 10% instead.


 64.4289, 0.3722,
0.3961

 64.4289, 0.3722,
0.3961


440.7368, 0.3445,
0.3646

 46.9981, 0.3784,
0.4033


 111.2284, 0.3626,
0.3852

 33.0342, 0.3861,
0.4121


 141.3659, 0.3589,
0.3809

 22.1526, 0.3956,
0.4230


176.5078, 0.3557,
0.3773

 13.9691, 0.4076,
0.4371

217.0385, 0.3529,
0.3741

 8.0992, 0.4229,
0.4552

263.3423, 0.3504,
0.3713

 4.1585, 0.4437,
0.4804

315.8038, 0.3482,

 1.7626, 0.4778,

0.3688

0.5222

374.8071, 0.3463,
0.3666

0.4637, 0.4635,
0.5365

0.0000, 0.0000,
0.0000

64.4289, 0.3722,
0.3961

64.4289, 0.3722,
0.3961

61.0104, 0.3911,
0.4149

68.0982, 0.3538,
0.3766

57.8242, 0.4099,
0.4320

72.0183, 0.3364,
0.3570

54.8630, 0.4278,
0.4463

76.2003, 0.3202,
0.3380

52.1152, 0.4439,
0.4569

80.6519, 0.3054,
0.3200

■ 49.5673, 0.4575,
0.4628

■ 84.8191, 0.2968,
0.3114

■ 47.2033, 0.4681,
0.4638

■ 88.2010, 0.2968,
0.3173

■ 46.0616, 0.4726,
0.4630

■ 91.6898, 0.2969,
0.3231

■ 95.2867, 0.2970,
0.3288

■ 95.3991, 0.2970,
0.3290

Harmonies

Analogous

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



64.4289, 0.3921, 0.3730



64.4289, 0.3722, 0.3961



64.4289, 0.3369, 0.4015

Triad

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



64.4289, 0.3722, 0.3961



64.4289, 0.2415, 0.3088



64.4289, 0.3254, 0.2820

Complementary

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



64.4289, 0.3722, 0.3961



40.4357, 0.2531, 0.2512

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.



64.4289, 0.2850, 0.2660



64.4289, 0.3722, 0.3961



64.4289, 0.2388, 0.2789

Square

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



64.4289, 0.3722, 0.3961



64.4289, 0.2620, 0.3481



64.4289, 0.2541, 0.2644



64.4289, 0.3645, 0.3088

Rectangle

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



64.4289, 0.3722, 0.3961



64.4289, 0.3098, 0.3922



64.4289, 0.2541, 0.2644



64.4289, 0.3114, 0.2753

Sweetspot

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



64.4319, 0.3722, 0.3961



94.4632, 0.3283, 0.3477



41.0771, 0.3732, 0.3045



20.0584, 0.3307, 0.3504



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.



64.4319, 0.3722, 0.3961



78.9992, 0.3860, 0.4100



71.9653, 0.3511, 0.4202



16.1746, 0.3274, 0.3465



26.5345, 0.4716, 0.4638



2.1057, 0.4623, 0.4711

Inverse Universe

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



40.4357, 0.2531, 0.2512



44.0447, 0.2392, 0.2315



35.4503, 0.2640, 0.2284



14.4699, 0.2980, 0.3108



5.0842, 0.1581, 0.0892



0.5207, 0.1658, 0.1169

Previews

White Background



This preview shows how the Yxy color 64.4289, 0.3722, 0.3961 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 64.4289, 0.3722, 0.3961 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 64.4289, 0.3722, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 64.4289, 0.3722, 0.3961.



This preview shows how white text looks on a background with the Yxy color 64.4289, 0.3722, 0.3961.

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

64.4289, 0.3722, 0.3961

Protanopia

64.4319, 0.3694, 0.3978

Deuteranopia

64.1474, 0.3904, 0.3821



Tritanopia

64.2709, 0.3299, 0.3119

Trichromacy



Original Color

64.4289, 0.3722, 0.3961

Protanomaly

64.5940, 0.3702, 0.3976

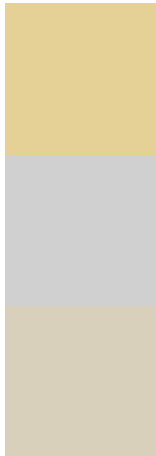
Deuteranomaly

64.2650, 0.3841, 0.3874

Tritanomaly

64.0101, 0.3454, 0.3412

Monochromacy



Original Color

64.4289, 0.3722, 0.3961

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2985, 0.3339, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4289, 0.3722, 0.3961 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(229, 209, 149)` looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 149)  
}
```

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(229, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 149) }
```

Border

The CSS property to change the border of an element to Yxy 64.4289, 0.3722, 0.3961 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(229, 209, 149) }
```

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

```
.border{ border-color:rgb(229, 209, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 209, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 209, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 209, 149); box-shadow:4px 4px 4px 4px rgb(229, 209, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4289, 0.3722, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 209, 149) }
```

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

```
.background{ background-color: rgb(229,  
209, 149) }
```

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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