

Converting Colors

$Y_{xy}(60.2982, 0.3901, 0.4221)$

Have a look what the booklet for
Yxy(60.2982, 0.3901, 0.4221)
contains.

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Color

Yxy(60.4135, 0.3901, 0.4224)

Conversions

Conversions Part 1

Format	Color
Hex	E0CC79
RGB	224, 204, 121
RGB Percent	88%, 80%, 47%
CMY	0.1214, 0.2000, 0.5254
CMYK	0.00, 0.09, 0.46, 0.12
HSL	48°, 62%, 68%
HSV	48°, 46%, 88%
XYZ	55.7938, 60.4135, 26.8171
YIQ	200.5180, 38.5630, -21.5730

Conversions

Conversions Part 2

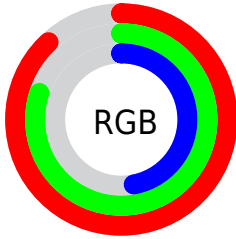
Format	Color
R_{YB}	146, 224, 121
Decimal	14732409
CIE _{Lab}	82.06, -4.03, 43.71
CIE _{LCh}	82, 43.893, 95.270
Yxy	60.4135, 0.3901, 0.4224
Android (android.graphics.Color)	4292922489 (0xFFE0CC79)
YUV	200.5180, -39.2024, 20.5937
Hunter-Lab	77.7261, -7.8888, 33.9520

Details

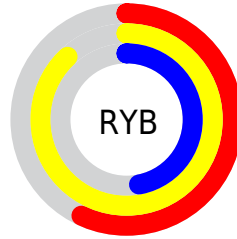
The Yxy color **60.4135, 0.3901, 0.4224** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.5205, 0.2308, 0.2131**, and the grayscale version is **58.3291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8751, 0.3603, 0.4076**, and **30.4704, 0.4073, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **57.8857, 0.4073, 0.4402**, and if you desaturate by 10%, it is **63.1326, 0.3724, 0.4027**.

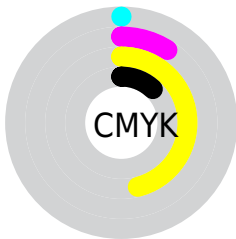
Distribution



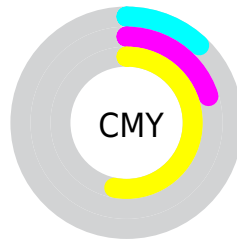
- Red (88%)
- Green (80%)
- Blue (47%)



- Red (57%)
- Yellow (88%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (46%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4135, 0.3901, 0.4224 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 60.4135, 0.3901, 0.4224 by changing the saturation by 10% instead.


 60.4135, 0.3901,
0.4224


 60.4135, 0.3901,
0.4224


426.1202, 0.3545,
0.3786

 43.7520, 0.3978,
0.4322

 105.4293, 0.3780,
0.4073

 30.4756, 0.4071,
0.4441


 134.5523, 0.3732,
0.4014

 20.1999, 0.4181,
0.4585


 168.5981, 0.3690,
0.3962

 12.5404, 0.4311,
0.4762

207.9508, 0.3654,
0.3918

 7.1128, 0.4458,
0.4976

252.9950, 0.3622,
0.3879

 3.5328, 0.4687,
0.5313

304.1151, 0.3593,

 1.4158, 0.4620,

0.3844

0.5380

361.6954, 0.3568,
0.3813

0.2283, 0.3419,
0.6581

0.0000, 0.0000,
0.0000

60.4135, 0.3901,
0.4224

60.4135, 0.3901,
0.4224

57.8857, 0.4073,
0.4402

63.1326, 0.3724,
0.4027

55.5312, 0.4231,
0.4550


66.0431, 0.3548,
0.3820


53.3424, 0.4369,
0.4659

69.1557, 0.3378,
0.3611

51.3069, 0.4480,
0.4722


72.4777, 0.3218,
0.3408

 49.4096, 0.4562,
0.4739

 76.0160, 0.3069,
0.3213

 48.6754, 0.4590,
0.4737

 79.7483, 0.2935,
0.3034

 82.2070, 0.2936,
0.3080

 84.7268, 0.2937,
0.3125

 87.3082, 0.2938,
0.3170

Harmonies

Analogous

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



60.4135, 0.4209, 0.3898



60.4135, 0.3901, 0.4224



60.4135, 0.3400, 0.4306

Triad

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



60.4135, 0.3901, 0.4224



60.4135, 0.2153, 0.2955



60.4135, 0.3340, 0.2682

Complementary

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



60.4135, 0.3901, 0.4224



28.5205, 0.2308, 0.2131

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.



60.4135, 0.2781, 0.2457



60.4135, 0.3901, 0.4224



60.4135, 0.2140, 0.2573

Square

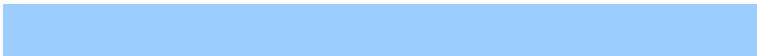
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4135, 0.3901, 0.4224



60.4135, 0.2401, 0.3504



60.4135, 0.2357, 0.2411



60.4135, 0.3881, 0.3040

Rectangle

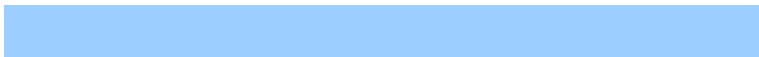
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4135, 0.3901, 0.4224



60.4135, 0.3029, 0.4165



60.4135, 0.2357, 0.2411



60.4135, 0.3146, 0.2589

Sweetspot

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



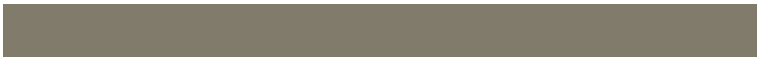
60.4163, 0.3901, 0.4224



93.5582, 0.3347, 0.3573



31.4758, 0.4113, 0.3050



19.8237, 0.3383, 0.3618



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.



60.4163, 0.3901, 0.4224



77.8204, 0.4063, 0.4392



66.0662, 0.3564, 0.4515



15.5526, 0.3272, 0.3478



28.4858, 0.4583, 0.4743



2.0919, 0.4512, 0.4800

Inverse Universe

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



28.5205, 0.2308, 0.2131



30.2053, 0.2125, 0.1847



25.7333, 0.2504, 0.1939



13.6728, 0.2981, 0.3095



4.2901, 0.1554, 0.0793



0.4218, 0.1629, 0.1065

Previews

White Background



This preview shows how the Yxy color 60.4135, 0.3901, 0.4224 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 60.4135, 0.3901, 0.4224 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 60.4135, 0.3901, 0.4224

Background



This preview shows how black text looks on a background with the Yxy color 60.4135, 0.3901, 0.4224.

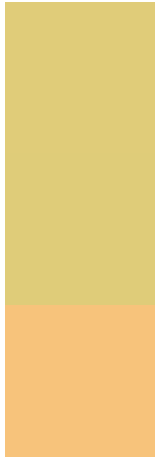


This preview shows how white text looks on a background with the Yxy color 60.4135, 0.3901, 0.4224.

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

60.4135, 0.3901, 0.4224

Protanopia

60.2542, 0.3892, 0.4228

Deuteranopia

60.2344, 0.4129, 0.4048



Tritanopia

60.5107, 0.3328, 0.3127

Trichromacy



Original Color

60.4135, 0.3901, 0.4224

Protanomaly

60.2542, 0.3892, 0.4228

Deuteranomaly

60.1440, 0.4052, 0.4110

Tritanomaly

60.3855, 0.3549, 0.3527

Monochromacy



Original Color

60.4135, 0.3901, 0.4224

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7749, 0.3405, 0.3648

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4135, 0.3901, 0.4224 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(224, 204, 121)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 121)  
}
```

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(224, 204, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 121) }
```

Border

The CSS property to change the border of an element to Yxy 60.4135, 0.3901, 0.4224 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(224, 204, 121) }
```

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

```
.border{ border-color:rgb(224, 204, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 121);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4135, 0.3901, 0.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 121) }
```

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

```
.background{ background-color: rgb(224,  
204, 121) }
```

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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