

Converting Colors

$Y_{xy}(70.0072, 0.3568, 0.3805)$

Have a look what the booklet for
Yxy(70.0072, 0.3568, 0.3805)
contains.

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Color

Yxy(69.7218, 0.3562, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9AB
RGB	232, 217, 171
RGB Percent	91%, 85%, 67%
CMY	0.0903, 0.1490, 0.3292
CMYK	0.00, 0.06, 0.26, 0.09
HSL	45°, 57%, 79%
HSV	45°, 26%, 91%
XYZ	65.4411, 69.7218, 48.5572
YIQ	216.2410, 23.7060, -11.1260

Conversions

Conversions Part 2

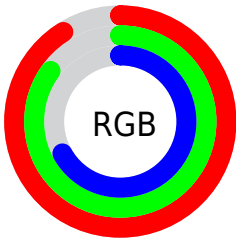
Format	Color
R_{YB}	191, 232, 171
Decimal	15260075
CIE Lab	86.86, -1.85, 24.54
CIE LCh	87, 24.613, 94.317
Yxy	69.7218, 0.3562, 0.3795
Android (android.graphics.Color)	4293450155 (0xFFE8D9AB)
YUV	216.2410, -22.3038, 13.8206
Hunter-Lab	83.4996, -6.2285, 23.9710

Details

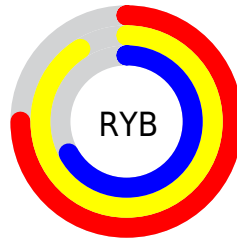
The Yxy color **69.7218, 0.3562, 0.3795** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.6130, 0.2690, 0.2728**, and the grayscale version is **68.9875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **36.3788, 0.3673, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **66.0280, 0.3746, 0.3991**, and if you desaturate by 10%, it is **73.6787, 0.3387, 0.3598**.

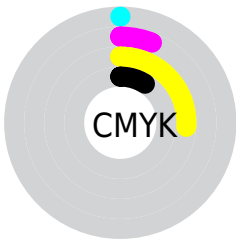
Distribution



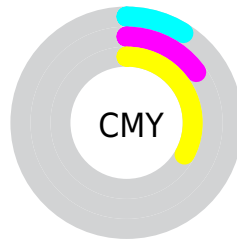
- Red (91%)
- Green (85%)
- Blue (67%)



- Red (75%)
- Yellow (91%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7218, 0.3562, 0.3795 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 69.7218, 0.3562, 0.3795 by changing the saturation by 10% instead.

 69.7218, 0.3562,
0.3795

 69.7218, 0.3562,
0.3795

459.5726, 0.3361,
0.3560

 51.2998, 0.3608,
0.3849


 118.8119, 0.3492,
0.3713

 36.4472, 0.3663,
0.3915


150.2488, 0.3465,
0.3682

 24.7798, 0.3734,
0.3998


186.7928, 0.3442,
0.3654

 15.9131, 0.3824,
0.4107

228.8282, 0.3422,
0.3630

 9.4627, 0.3943,
0.4251

276.7395, 0.3404,
0.3609

 5.0442, 0.4105,
0.4451

330.9111, 0.3388,

 2.2732, 0.4451,

0.3591

0.4871

391.7273, 0.3374,
0.3574

0.7595, 0.4712,
0.5288

0.0000, 0.0000,
0.0000

69.7218, 0.3562,
0.3795

69.7218, 0.3562,
0.3795

66.0280, 0.3746,
0.3991

73.6787, 0.3387,
0.3598

62.5787, 0.3935,
0.4178

77.8977, 0.3223,
0.3406

59.3672, 0.4121,
0.4347

82.3901, 0.3073,
0.3223

56.3826, 0.4297,
0.4487

86.5810, 0.2987,
0.3137

■ 53.6128, 0.4453,
0.4586

■ 89.9866, 0.2987,
0.3195

■ 51.0438, 0.4583,
0.4639

■ 93.4986, 0.2987,
0.3252

■ 48.6584, 0.4683,
0.4644

■ 95.8929, 0.2987,
0.3290

■ 47.8051, 0.4715,
0.4638

Harmonies

Analogous

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



69.7218, 0.3712, 0.3636



69.7218, 0.3562, 0.3795



69.7218, 0.3298, 0.3817

Triad

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



69.7218, 0.3562, 0.3795



69.7218, 0.2588, 0.3134



69.7218, 0.3239, 0.2943

Complementary

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



69.7218, 0.3562, 0.3795



49.6130, 0.2690, 0.2728

Split Complementary

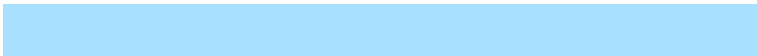
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7218, 0.2936, 0.2817



69.7218, 0.3562, 0.3795



69.7218, 0.2573, 0.2912

Square

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



69.7218, 0.3562, 0.3795



69.7218, 0.2740, 0.3419



69.7218, 0.2697, 0.2802



69.7218, 0.3522, 0.3152

Rectangle

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



69.7218, 0.3562, 0.3795



69.7218, 0.3096, 0.3741



69.7218, 0.2697, 0.2802



69.7218, 0.3135, 0.2890

Sweetspot

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



69.7250, 0.3562, 0.3795



95.5984, 0.3251, 0.3440



49.8520, 0.3550, 0.3119



20.2901, 0.3275, 0.3468



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.



69.7250, 0.3562, 0.3795



83.6803, 0.3670, 0.3911



75.3584, 0.3412, 0.3971



16.1857, 0.3274, 0.3466



26.7517, 0.4705, 0.4646



2.1202, 0.4614, 0.4718

Inverse Universe

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



49.6130, 0.2690, 0.2728



54.4894, 0.2581, 0.2579



45.4413, 0.2788, 0.2562



14.4595, 0.2980, 0.3107



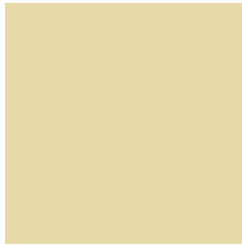
5.0255, 0.1579, 0.0883



0.5150, 0.1655, 0.1159

Previews

White Background



This preview shows how the Yxy color 69.7218, 0.3562, 0.3795 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 69.7218, 0.3562, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

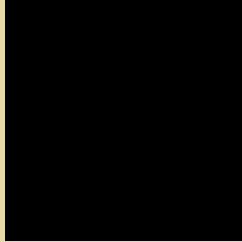
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7218, 0.3562, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 69.7218, 0.3562, 0.3795.

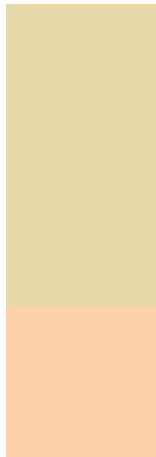


This preview shows how white text looks on a background with the Yxy color 69.7218, 0.3562, 0.3795.

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

69.7218, 0.3562, 0.3795

Protanopia

69.7218, 0.3562, 0.3795

Deuteranopia

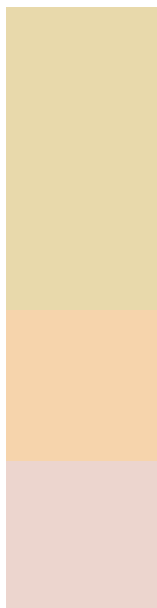
69.6889, 0.3746, 0.3665



Tritanopia

69.9349, 0.3232, 0.3123

Trichromacy



Original Color

69.7218, 0.3562, 0.3795

Protanomaly

69.7218, 0.3562, 0.3795

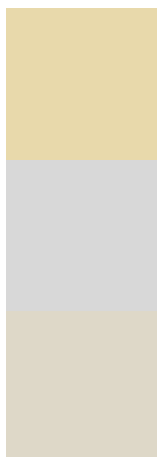
Deuteranomaly

69.6584, 0.3680, 0.3715

Tritanomaly

69.8776, 0.3349, 0.3366

Monochromacy



Original Color

69.7218, 0.3562, 0.3795

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8115, 0.3281, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7218, 0.3562, 0.3795 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(232, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 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(232, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 171) }
```

Border

The CSS property to change the border of an element to Yxy 69.7218, 0.3562, 0.3795 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(232, 217, 171) }
```

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

```
.border{ border-color:rgb(232, 217, 171) }
```

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

Here you see how a box with a 4 pixel rgb(232, 217, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7218, 0.3562, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 171) }
```

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

```
.background{ background-color: rgb(232,  
217, 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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