

Converting Colors

$Yxy(65.1937, 0.3554, 0.3706)$

Have a look what the booklet for
Yxy(65.1937, 0.3554, 0.3706)
contains.

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Color

Yxy(65.2375, 0.3552, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	E5D1AC
RGB	229, 209, 172
RGB Percent	90%, 82%, 67%
CMY	0.1020, 0.1804, 0.3254
CMYK	0.00, 0.09, 0.25, 0.10
HSL	39°, 52%, 79%
HSV	39°, 25%, 90%
XYZ	62.5604, 65.2375, 48.3293
YIQ	210.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

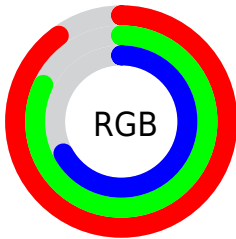
Format	Color
R _Y B	203, 229, 172
Decimal	15061420
CIE Lab	84.61, 1.29, 20.90
CIE LCh	85, 20.936, 86.473
Yxy	65.2375, 0.3552, 0.3704
Android (android.graphics.Color)	4293251500 (0xFFE5D1AC)
YUV	210.7620, -19.1097, 15.9947
Hunter-Lab	80.7697, -3.0895, 21.0621

Details

The Yxy color **65.2375, 0.3552, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1304, 0.2722, 0.2838**, and the grayscale version is **65.0948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **33.6830, 0.3651, 0.3802** is the 20% darker color. If you saturate the color by 10%, you get **60.5912, 0.3751, 0.3877**, and if you desaturate by 10%, it is **70.2401, 0.3369, 0.3533**.

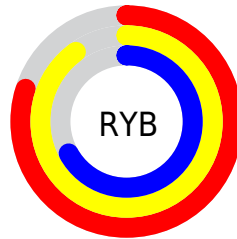
Distribution



Red (90%)

Green (82%)

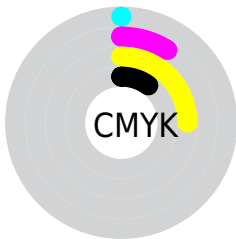
Blue (67%)



Red (80%)

Yellow (90%)

Blue (67%)

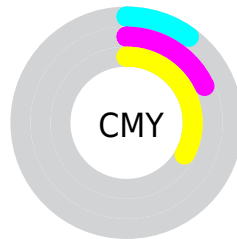


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (10%)



Cyan (10%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2375, 0.3552, 0.3704 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 65.2375, 0.3552, 0.3704 by changing the saturation by 10% instead.


 65.2375, 0.3552,
0.3704

 65.2375, 0.3552,
0.3704


443.6449, 0.3352,
0.3510

 47.6537, 0.3598,
0.3749


 112.3912, 0.3482,
0.3636

 33.5527, 0.3656,
0.3804


142.7300, 0.3455,
0.3610

 22.5502, 0.3729,
0.3874


178.0891, 0.3432,
0.3588

 14.2617, 0.3825,
0.3965

218.8531, 0.3412,
0.3568

 8.3029, 0.3955,
0.4088

265.4062, 0.3394,
0.3551

 4.2894, 0.4139,
0.4260

318.1330, 0.3378,

 1.8367, 0.4569,

0.3536

0.4669

377.4178, 0.3364,
0.3522

0.5099, 0.5030,
0.4970

0.0000, 0.0000,
0.0000

65.2375, 0.3552,
0.3704

65.2375, 0.3552,
0.3704

60.5912, 0.3751,
0.3877

70.2401, 0.3369,
0.3533

56.2818, 0.3962,
0.4043

75.6003, 0.3202,
0.3368

52.3007, 0.4179,
0.4195

81.3305, 0.3053,
0.3211

48.6356, 0.4395,
0.4321

86.8727, 0.2968,
0.3150

■ 45.2728, 0.4599,
0.4409

■ 91.7384, 0.2969,
0.3231

■ 42.1969, 0.4779,
0.4450

■ 95.3979, 0.2970,
0.3290

■ 39.3897, 0.4927,
0.4438

■ 38.0444, 0.4993,
0.4417

Harmonies

Analogous

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



65.2375, 0.3646, 0.3545



65.2375, 0.3552, 0.3704



65.2375, 0.3344, 0.3755

Triad

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



65.2375, 0.3552, 0.3704



65.2375, 0.2680, 0.3219



65.2375, 0.3155, 0.2949

Complementary

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



65.2375, 0.3552, 0.3704



52.1304, 0.2722, 0.2838

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.



65.2375, 0.2899, 0.2862



65.2375, 0.3552, 0.3704



65.2375, 0.2633, 0.3005

Square

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



65.2375, 0.3552, 0.3704



65.2375, 0.2841, 0.3467



65.2375, 0.2712, 0.2879



65.2375, 0.3412, 0.3117

Rectangle

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



65.2375, 0.3552, 0.3704



65.2375, 0.3171, 0.3713



65.2375, 0.2712, 0.2879



65.2375, 0.3066, 0.2909

Sweetspot

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



65.2405, 0.3552, 0.3704



94.9724, 0.3237, 0.3403



50.0133, 0.3461, 0.3054



20.2376, 0.3247, 0.3412



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.



65.2405, 0.3552, 0.3704



80.0698, 0.3655, 0.3796



74.4522, 0.3446, 0.3922



15.9215, 0.3276, 0.3442



21.9862, 0.4978, 0.4430



1.7975, 0.4834, 0.4544

Inverse Universe

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



52.1304, 0.2722, 0.2838



60.5694, 0.2630, 0.2726



44.8229, 0.2758, 0.2595



14.7102, 0.2981, 0.3133



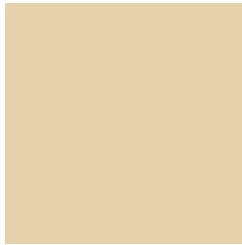
6.7481, 0.1647, 0.1129



0.6682, 0.1728, 0.1422

Previews

White Background



This preview shows how the Yxy color 65.2375, 0.3552, 0.3704 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 65.2375, 0.3552, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

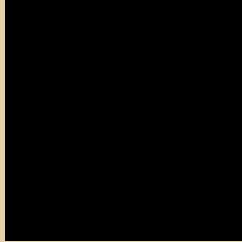
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2375, 0.3552, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 65.2375, 0.3552, 0.3704.



This preview shows how white text looks on a background with the Yxy color 65.2375, 0.3552, 0.3704.

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

65.2375, 0.3552, 0.3704

Protanopia

65.4530, 0.3500, 0.3720

Deuteranopia

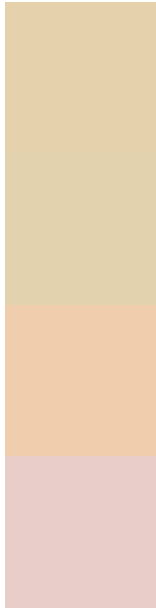
65.1415, 0.3691, 0.3613



Tritanopia

65.4360, 0.3266, 0.3130

Trichromacy



Original Color

65.2375, 0.3552, 0.3704

Protanomaly

65.2791, 0.3518, 0.3707

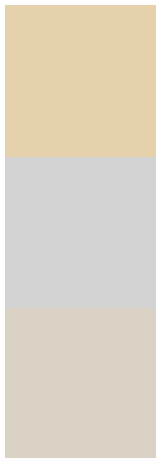
Deuteranomaly

65.0305, 0.3636, 0.3640

Tritanomaly

65.2033, 0.3374, 0.3334

Monochromacy



Original Color

65.2375, 0.3552, 0.3704

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.0298, 0.3279, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2375, 0.3552, 0.3704 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 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(229, 209, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 172) }
```

Border

The CSS property to change the border of an element to Yxy 65.2375, 0.3552, 0.3704 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, 172) }
```

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

```
.border{ border-color:rgb(229, 209, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 209, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 209, 172);  
box-shadow:4px 4px 4px 4px rgb(229, 209,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2375, 0.3552, 0.3704 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, 172) }
```

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

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