

Converting Colors

Yxy(65.7115, 0.3473, 0.3549)

Have a look what the booklet for
Yxy(65.7115, 0.3473, 0.3549)
contains.

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Color

Yxy(65.6035, 0.3473, 0.3545)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E7D0B9 |
| RGB | 231, 208, 185 |
| RGB Percent | 91%, 82%, 73% |
| CMY | 0.0941, 0.1843, 0.2744 |
| CMYK | 0.00, 0.10, 0.20, 0.09 |
| HSL | 30°, 49%, 82% |
| HSV | 30°, 20%, 91% |
| XYZ | 64.2711, 65.6035, 55.1847 |
| YIQ | 212.2550, 21.0910, -2.2770 |

Conversions

Conversions Part 2

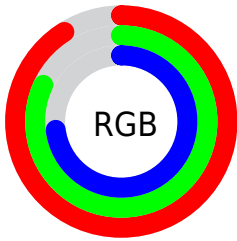
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 231, 231, 185 |
| Decimal | 15192249 |
| CIE Lab | 84.79, 4.41, 14.32 |
| CIE LCh | 85, 14.986, 72.897 |
| Yxy | 65.6035, 0.3473, 0.3545 |
| Android (android.graphics.Color) | 4293382329 (0xFFE7D0B9) |
| YUV | 212.2550, -13.4367, 16.4394 |
| Hunter-Lab | 80.9960, -0.1016, 16.3014 |

Details

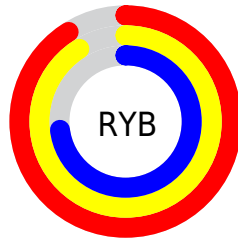
The Yxy color **65.6035, 0.3473, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2112, 0.2813, 0.3021**, and the grayscale version is **66.1003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.8911, 0.3557, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **59.2770, 0.3683, 0.3681**, and if you desaturate by 10%, it is **72.5050, 0.3288, 0.3413**.

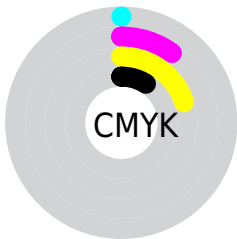
Distribution



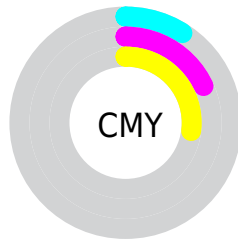
- Red (91%)
- Green (82%)
- Blue (73%)



- Red (91%)
- Yellow (91%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6035, 0.3473, 0.3545 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 65.6035, 0.3473, 0.3545 by changing the saturation by 10% instead.

 65.6035, 0.3473,
0.3545

 65.6035, 0.3473,
0.3545

444.9575, 0.3309,
0.3426

 47.9506, 0.3511,
0.3572

 112.9171, 0.3415,
0.3504

 33.7878, 0.3559,
0.3606


143.3465, 0.3393,
0.3488

 22.7306, 0.3620,
0.3648


178.8036, 0.3374,
0.3474

 14.3947, 0.3701,
0.3704

219.6727, 0.3358,
0.3462

 8.3957, 0.3813,
0.3779

266.3383, 0.3343,
0.3451

 4.3492, 0.3978,
0.3886

319.1847, 0.3331,

 1.8707, 0.4251,

0.3442

0.4055

378.5963, 0.3319,
0.3434

0.5307, 0.5356,
0.4644

0.0000, 0.0000,
0.0000

65.6035, 0.3473,
0.3545

65.6035, 0.3473,
0.3545

59.2770, 0.3683,
0.3681

72.5050, 0.3288,
0.3413

53.5004, 0.3917,
0.3815

79.9883, 0.3126,
0.3289

48.2594, 0.4174,
0.3942

88.0712, 0.2985,
0.3173

43.5355, 0.4447,
0.4050

95.2383, 0.2982,
0.3282

■ 39.3091, 0.4724,
0.4128

■ 95.7302, 0.2982,
0.3290

■ 35.5585, 0.4991,
0.4162

■ 32.2596, 0.5228,
0.4142

■ 29.3780, 0.5427,
0.4072

■ 29.3529, 0.5429,
0.4071

Harmonies

Analogous

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



65.6035, 0.3493, 0.3410



65.6035, 0.3473, 0.3545



65.6035, 0.3358, 0.3616

Triad

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



65.6035, 0.3473, 0.3545



65.6035, 0.2849, 0.3321



65.6035, 0.3062, 0.3005

Complementary

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



65.6035, 0.3473, 0.3545



61.2112, 0.2813, 0.3021

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.



65.6035, 0.2895, 0.2976



65.6035, 0.3473, 0.3545



65.6035, 0.2775, 0.3152

Square

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



65.6035, 0.3473, 0.3545



65.6035, 0.2997, 0.3487



65.6035, 0.2791, 0.3028



65.6035, 0.3252, 0.3104

Rectangle

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



65.6035, 0.3473, 0.3545



65.6035, 0.3245, 0.3614



65.6035, 0.2791, 0.3028



65.6035, 0.3002, 0.2987

Sweetspot

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



65.6064, 0.3473, 0.3545



94.2668, 0.3222, 0.3364



56.2892, 0.3325, 0.3028



20.0469, 0.3233, 0.3373



0.0000, 0.0000, 0.0000



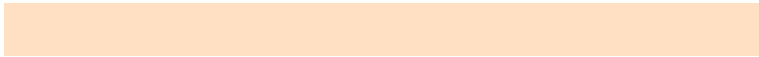
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6064, 0.3473, 0.3545



78.6640, 0.3559, 0.3602



77.2216, 0.3428, 0.3778



15.5520, 0.3280, 0.3408



16.7028, 0.5404, 0.4091



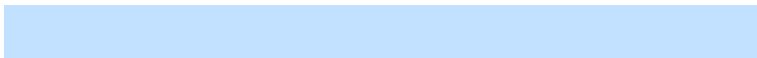
1.4201, 0.5180, 0.4269

Inverse Universe

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



61.2112, 0.2813, 0.3021



72.1981, 0.2744, 0.2956



51.1149, 0.2796, 0.2751



15.0725, 0.2981, 0.3170



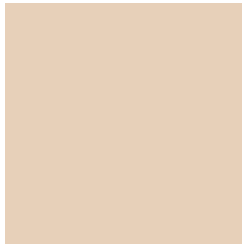
10.4288, 0.1773, 0.1583



0.9564, 0.1846, 0.1847

Previews

White Background



This preview shows how the Yxy color 65.6035, 0.3473, 0.3545 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 65.6035, 0.3473, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

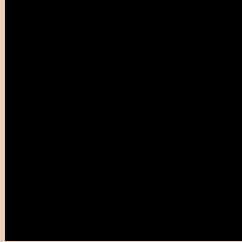
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

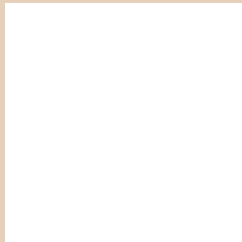
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6035, 0.3473, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 65.6035, 0.3473, 0.3545.



This preview shows how white text looks on a background with the Yxy color 65.6035, 0.3473, 0.3545.

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

65.6035, 0.3473, 0.3545

Protanopia

65.5485, 0.3374, 0.3562

Deuteranopia

65.6081, 0.3563, 0.3485



Tritanopia

65.4885, 0.3258, 0.3119

Trichromacy



Original Color

65.6035, 0.3473, 0.3545

Protanomaly

65.6459, 0.3414, 0.3560

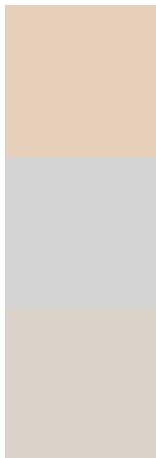
Deuteranomaly

65.3850, 0.3528, 0.3498

Tritanomaly

65.6601, 0.3337, 0.3269

Monochromacy



Original Color

65.6035, 0.3473, 0.3545

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9129, 0.3250, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6035, 0.3473, 0.3545 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(231, 208, 185)` looks like.

```
.text, #text, p{  
    color:rgb(231, 208, 185)  
}
```

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(231, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 208, 185) }
```

Border

The CSS property to change the border of an element to Yxy 65.6035, 0.3473, 0.3545 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(231, 208, 185) }
```

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

```
.border{ border-color:rgb(231, 208, 185) }
```

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

Here you see how a box with a 4 pixel rgb(231, 208, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(231, 208,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6035, 0.3473, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 208, 185) }
```

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

```
.background{ background-color: rgb(231,  
208, 185) }
```

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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