

Converting Colors

Yxy(64.7161, 0.3397, 0.3381)

Have a look what the booklet for
Yxy(64.7161, 0.3397, 0.3381)
contains.

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Color

Yxy(64.8497, 0.3396, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	E8CDC5
RGB	232, 205, 197
RGB Percent	91%, 80%, 77%
CMY	0.0904, 0.1960, 0.2275
CMYK	0.00, 0.12, 0.15, 0.09
HSL	14°, 43%, 84%
HSV	14°, 15%, 91%
XYZ	65.1760, 64.8497, 61.8941
YIQ	212.1610, 18.6600, 3.2360

Conversions

Conversions Part 2

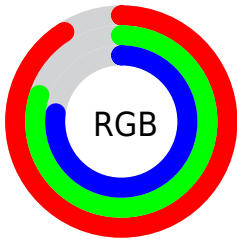
Format	Color
R _Y B	232, 207, 197
Decimal	15257029
CIE Lab	84.41, 8.13, 7.44
CIE LCh	84, 11.017, 42.463
Yxy	64.8497, 0.3396, 0.3379
Android (android.graphics.Color)	4293447109 (0xFFE8CDC5)
YUV	212.1610, -7.4744, 17.3988
Hunter-Lab	80.5293, 3.5417, 10.8007

Details

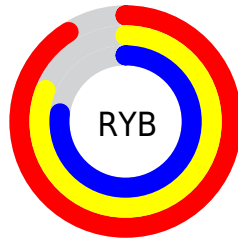
The Yxy color **64.8497, 0.3396, 0.3379** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9589, 0.2895, 0.3199**, and the grayscale version is **65.9905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **33.3465, 0.3465, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **55.8046, 0.3620, 0.3442**, and if you desaturate by 10%, it is **75.0400, 0.3209, 0.3319**.

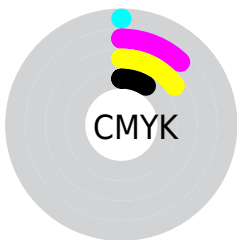
Distribution



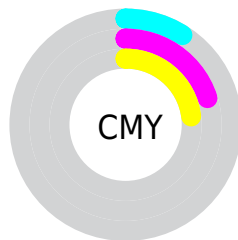
- Red (91%)
- Green (80%)
- Blue (77%)



- Red (91%)
- Yellow (81%)
- Blue (77%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8497, 0.3396, 0.3379 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 64.8497, 0.3396, 0.3379 by changing the saturation by 10% instead.


 64.8497, 0.3396,
0.3379

 64.8497, 0.3396,
0.3379

442.2517, 0.3268,
0.3338

 47.3392, 0.3426,
0.3388


111.8337, 0.3351,
0.3365

 33.3039, 0.3464,
0.3399


142.0761, 0.3334,
0.3360

 22.3594, 0.3512,
0.3413


177.3312, 0.3319,
0.3355

 14.1212, 0.3577,
0.3432

217.9834, 0.3306,
0.3351

 8.2050, 0.3667,
0.3456

264.4172, 0.3295,
0.3347

 4.2264, 0.3803,
0.3489

317.0169, 0.3285,

 1.8010, 0.4028,

0.3344

0.3538

376.1669, 0.3276,
0.3341

0.4878, 0.5703,
0.4202

0.0000, 0.0000,
0.0000

64.8497, 0.3396,
0.3379

64.8497, 0.3396,
0.3379

55.8046, 0.3620,
0.3442

75.0400, 0.3209,
0.3319

47.8558, 0.3888,
0.3507

86.4050, 0.3055,
0.3263

40.9638, 0.4204,
0.3568

95.8887, 0.2987,
0.3290

35.0833, 0.4565,
0.3620

■ 30.1656, 0.4960,
0.3653

■ 26.1579, 0.5364,
0.3656

■ 23.0018, 0.5736,
0.3622

■ 20.6315, 0.6028,
0.3548

■ 19.7243, 0.6141,
0.3506

Harmonies

Analogous

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



64.8497, 0.3335, 0.3260



64.8497, 0.3396, 0.3379



64.8497, 0.3383, 0.3478

Triad

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



64.8497, 0.3396, 0.3379



64.8497, 0.3034, 0.3436



64.8497, 0.2954, 0.3057

Complementary

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



64.8497, 0.3396, 0.3379



70.9589, 0.2895, 0.3199

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.



64.8497, 0.2877, 0.3098



64.8497, 0.3396, 0.3379



64.8497, 0.2923, 0.3316

Square

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



64.8497, 0.3396, 0.3379



64.8497, 0.3172, 0.3515



64.8497, 0.2866, 0.3192



64.8497, 0.3078, 0.3077

Rectangle

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



64.8497, 0.3396, 0.3379



64.8497, 0.3334, 0.3519



64.8497, 0.2866, 0.3192



64.8497, 0.2922, 0.3064

Sweetspot

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



64.8526, 0.3396, 0.3379



93.1002, 0.3209, 0.3319



62.4758, 0.3200, 0.2996



19.7261, 0.3221, 0.3323



0.0000, 0.0000, 0.0000



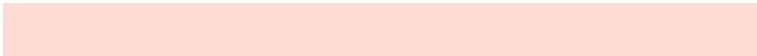
21.4041, 0.3127, 0.3290

Same Dimension

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



64.8526, 0.3396, 0.3379



76.8720, 0.3459, 0.3398



73.4472, 0.3368, 0.3561



14.9028, 0.3287, 0.3345



11.1124, 0.6115, 0.3527



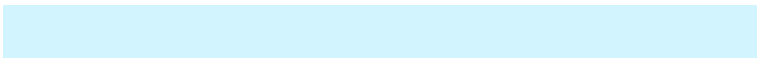
0.9601, 0.5833, 0.3750

Inverse Universe

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



70.9589, 0.2895, 0.3199



85.7616, 0.2849, 0.3180



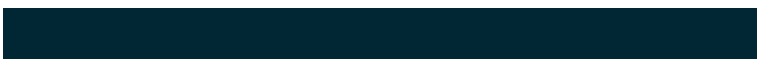
62.2652, 0.2888, 0.3004



15.7450, 0.2981, 0.3235



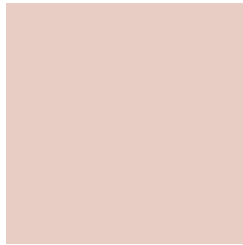
21.2589, 0.2037, 0.2533



1.7083, 0.2071, 0.2656

Previews

White Background



This preview shows how the Yxy color 64.8497, 0.3396, 0.3379 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 64.8497, 0.3396, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

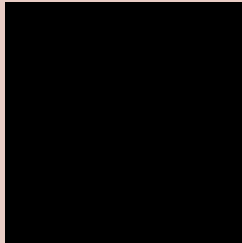
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8497, 0.3396, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 64.8497, 0.3396, 0.3379.

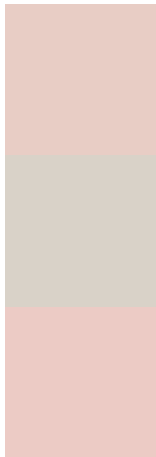


This preview shows how white text looks on a background with the Yxy color 64.8497, 0.3396, 0.3379.

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

64.8497, 0.3396, 0.3379

Protanopia

65.0150, 0.3250, 0.3404

Deuteranopia

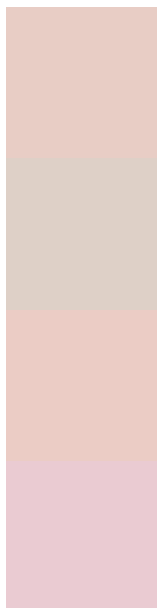
64.5760, 0.3432, 0.3356



Tritanopia

64.9652, 0.3267, 0.3119

Trichromacy



Original Color

64.8497, 0.3396, 0.3379

Protanomaly

64.7649, 0.3298, 0.3391

Deuteranomaly

64.8791, 0.3422, 0.3367

Tritanomaly

64.8574, 0.3317, 0.3215

Monochromacy



Original Color

64.8497, 0.3396, 0.3379

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1660, 0.3217, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8497, 0.3396, 0.3379 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, 205, 197)` looks like.

```
.text, #text, p{  
    color:rgb(232, 205, 197)  
}
```

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, 205, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 205, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.8497, 0.3396, 0.3379 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, 205, 197) }
```

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

```
.border{ border-color:rgb(232, 205, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 205, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 205, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 205, 197);  
box-shadow:4px 4px 4px 4px rgb(232, 205,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8497, 0.3396, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 205, 197) }
```

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

```
.background{ background-color: rgb(232,  
205, 197) }
```

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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