

Converting Colors

Yxy(65.1704, 0.3474, 0.3461)

Have a look what the booklet for
Yxy(65.1704, 0.3474, 0.3461)
contains.

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Color

Yxy(65.0425, 0.3473, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	EBCDBE
RGB	235, 205, 190
RGB Percent	92%, 80%, 75%
CMY	0.0785, 0.1960, 0.2548
CMYK	0.00, 0.13, 0.19, 0.08
HSL	20°, 53%, 83%
HSV	20°, 19%, 92%
XYZ	65.3814, 65.0425, 57.8323
YIQ	212.2600, 22.6950, 1.6950

Conversions

Conversions Part 2

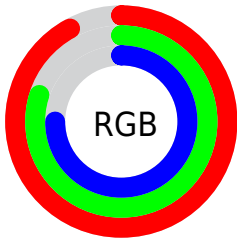
Format	Color
R _Y B	235, 213, 190
Decimal	15453630
CIE Lab	84.51, 8.16, 11.32
CIE LCh	85, 13.952, 54.198
Yxy	65.0425, 0.3473, 0.3455
Android (android.graphics.Color)	4293643710 (0xFFEBCDBE)
YUV	212.2600, -10.9742, 19.9430
Hunter-Lab	80.6489, 3.5727, 13.9382

Details

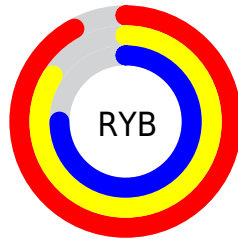
The Yxy color **65.0425, 0.3473, 0.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1203, 0.2830, 0.3119**, and the grayscale version is **66.0840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **33.5231, 0.3558, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **56.9780, 0.3702, 0.3547**, and if you desaturate by 10%, it is **74.0283, 0.3279, 0.3366**.

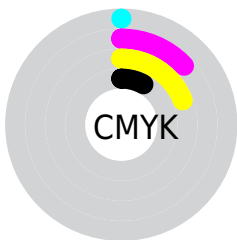
Distribution



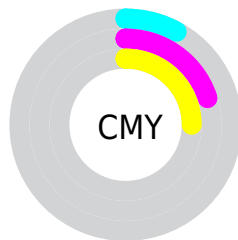
- Red (92%)
- Green (80%)
- Blue (75%)



- Red (92%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (8%)




- Cyan (8%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0425, 0.3473, 0.3455 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 65.0425, 0.3473, 0.3455 by changing the saturation by 10% instead.

 65.0425, 0.3473,
0.3455

 65.0425, 0.3473,
0.3455

442.9447, 0.3309,
0.3379

 47.4955, 0.3512,
0.3472


 112.1110, 0.3415,
0.3429

 33.4276, 0.3560,
0.3493


142.4012, 0.3393,
0.3419

 22.4542, 0.3622,
0.3520

177.7081, 0.3374,
0.3410

 14.1910, 0.3705,
0.3554

218.4159, 0.3357,
0.3402

 8.2536, 0.3820,
0.3599

264.9091, 0.3343,
0.3395

 4.2577, 0.3992,
0.3662

317.5720, 0.3330,

 1.8187, 0.4273,

0.3389

0.3752

376.7891, 0.3319,
0.3384

0.4988, 0.5745,
0.4255

0.0000, 0.0000,
0.0000

65.0425, 0.3473,
0.3455

65.0425, 0.3473,
0.3455

56.9780, 0.3702,
0.3547

74.0283, 0.3279,
0.3366

49.7963, 0.3968,
0.3639

83.9550, 0.3114,
0.3283

43.4685, 0.4271,
0.3725

94.4928, 0.3005,
0.3260

37.9614, 0.4608,
0.3795

96.3978, 0.3005,
0.3290

■ 33.2387, 0.4964,
0.3838

■ 29.2617, 0.5316,
0.3841

■ 25.9871, 0.5631,
0.3795

■ 23.3618, 0.5883,
0.3703

■ 23.1613, 0.5903,
0.3695

Harmonies

Analogous

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



65.0425, 0.3431, 0.3310



65.0425, 0.3473, 0.3455



65.0425, 0.3419, 0.3562

Triad

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



65.0425, 0.3473, 0.3455



65.0425, 0.2948, 0.3419



65.0425, 0.2964, 0.2998

Complementary

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



65.0425, 0.3473, 0.3455



68.1203, 0.2830, 0.3119

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.



65.0425, 0.2841, 0.3018



65.0425, 0.3473, 0.3455



65.0425, 0.2832, 0.3258

Square

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



65.0425, 0.3473, 0.3455



65.0425, 0.3113, 0.3546



65.0425, 0.2793, 0.3111



65.0425, 0.3134, 0.3052

Rectangle

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



65.0425, 0.3473, 0.3455



65.0425, 0.3337, 0.3595



65.0425, 0.2793, 0.3111



65.0425, 0.2916, 0.2996

Sweetspot

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



65.0454, 0.3473, 0.3455



92.7196, 0.3224, 0.3340



59.6586, 0.3263, 0.2968



19.6816, 0.3236, 0.3345



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

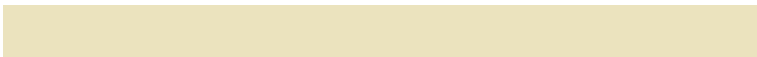
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.0454, 0.3473, 0.3455



74.3295, 0.3559, 0.3491



76.5780, 0.3429, 0.3691



15.8750, 0.3285, 0.3369



13.1031, 0.5874, 0.3718



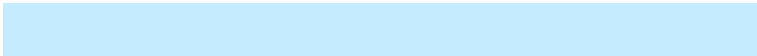
1.2001, 0.5606, 0.3931

Inverse Universe

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



68.1203, 0.2830, 0.3119



78.6690, 0.2769, 0.3079



57.1102, 0.2815, 0.2855



16.2261, 0.2981, 0.3210



16.9292, 0.1934, 0.2163



1.5050, 0.1983, 0.2337

Previews

White Background



This preview shows how the Yxy color 65.0425, 0.3473, 0.3455 looks on a white background.

Color Contrast Check

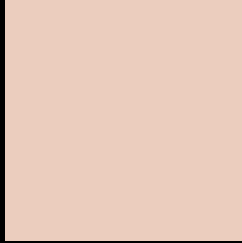
Large Text (above 18pt) WCAG AA × Fail

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 65.0425, 0.3473, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

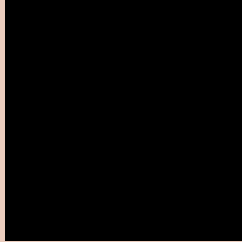
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0425, 0.3473, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 65.0425, 0.3473, 0.3455.

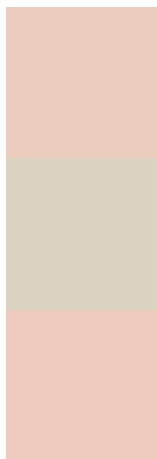


This preview shows how white text looks on a background with the Yxy color 65.0425, 0.3473, 0.3455.

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

65.0425, 0.3473, 0.3455

Protanopia

65.0035, 0.3316, 0.3483

Deuteranopia

64.7803, 0.3510, 0.3432



Tritanopia

64.9602, 0.3298, 0.3120

Trichromacy



Original Color

65.0425, 0.3473, 0.3455

Protanomaly

64.9251, 0.3373, 0.3470

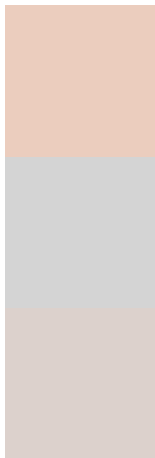
Deuteranomaly

65.0806, 0.3500, 0.3443

Tritanomaly

64.7506, 0.3365, 0.3237

Monochromacy



Original Color

65.0425, 0.3473, 0.3455

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1762, 0.3246, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0425, 0.3473, 0.3455 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(235, 205, 190)` looks like.

```
.text, #text, p{  
    color:rgb(235, 205, 190)  
}
```

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(235, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 205, 190) }
```

Border

The CSS property to change the border of an element to Yxy 65.0425, 0.3473, 0.3455 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(235, 205, 190) }
```

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

```
.border{ border-color:rgb(235, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(235, 205,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0425, 0.3473, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 205, 190) }
```

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

```
.background{ background-color: rgb(235,  
205, 190) }
```

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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