

Converting Colors

$Yxy(65.2455, 0.3683, 0.3780)$

Have a look what the booklet for
Yxy(65.2455, 0.3683, 0.3780)
contains.

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Color

Yxy(65.1029, 0.3682, 0.3774)

Conversions

Conversions Part 1

Format	Color
Hex	ECCFA3
RGB	236, 207, 163
RGB Percent	93%, 81%, 64%
CMY	0.0745, 0.1882, 0.3606
CMYK	0.00, 0.12, 0.31, 0.07
HSL	36°, 66%, 78%
HSV	36°, 31%, 93%
XYZ	63.5159, 65.1029, 43.8849
YIQ	210.6550, 31.4080, -7.5360

Conversions

Conversions Part 2

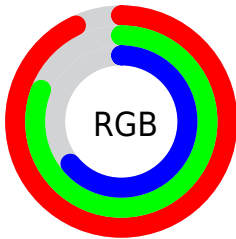
Format	Color
R _Y B	211, 236, 163
Decimal	15519651
CIE Lab	84.54, 3.79, 25.60
CIE LCh	85, 25.884, 81.582
Yxy	65.1029, 0.3682, 0.3774
Android (android.graphics.Color)	4293709731 (0xFFECCFA3)
YUV	210.6550, -23.4939, 22.2276
Hunter-Lab	80.6864, -0.6869, 24.2329

Details

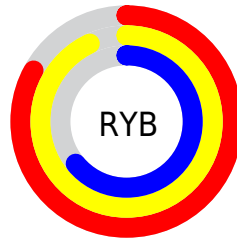
The Yxy color $65.1029, 0.3682, 0.3774$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $51.5539, 0.2621, 0.2751$, and the grayscale version is $65.0470, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.8420, 0.3345, 0.3651$, and $33.5139, 0.3814, 0.3891$ is the 20% darker color. If you saturate the color by 10%, you get $59.9280, 0.3898, 0.3934$, and if you desaturate by 10%, it is $70.7114, 0.3483, 0.3612$.

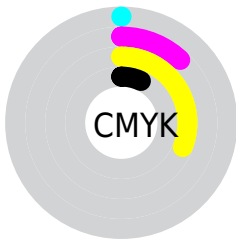
Distribution



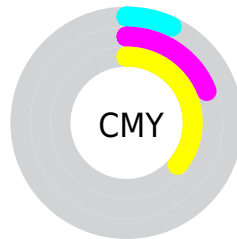
- Red (93%)
- Green (81%)
- Blue (64%)



- Red (83%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1029, 0.3682, 0.3774 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 65.1029, 0.3682, 0.3774 by changing the saturation by 10% instead.

 65.1029, 0.3682,
0.3774


 65.1029, 0.3682,
0.3774


443.1617, 0.3421,
0.3550

 47.5445, 0.3742,
0.3825


 112.1978, 0.3591,
0.3696

 33.4663, 0.3817,
0.3887


 142.5031, 0.3555,
0.3666

 22.4839, 0.3911,
0.3965


177.8261, 0.3525,
0.3640

 14.2129, 0.4034,
0.4064

218.5513, 0.3499,
0.3617

 8.2689, 0.4198,
0.4194

265.0631, 0.3476,
0.3597

 4.2675, 0.4425,
0.4366

317.7458, 0.3455,

 1.8243, 0.5086,

0.3580

0.4914

376.9839, 0.3437,
0.3564

0.5022, 0.5315,
0.4685

0.0000, 0.0000,
0.0000

65.1029, 0.3682,
0.3774

65.1029, 0.3682,
0.3774

59.9280, 0.3898,
0.3934

70.7114, 0.3483,
0.3612

55.1643, 0.4128,
0.4083

76.7573, 0.3302,
0.3454

50.8004, 0.4362,
0.4211

83.2553, 0.3141,
0.3303

46.8206, 0.4592,
0.4306

90.0594, 0.3012,
0.3186

■ 43.2075, 0.4805,
0.4357

■ 95.8617, 0.3011,
0.3279

■ 39.9411, 0.4988,
0.4354

■ 96.5713, 0.3011,
0.3290

■ 37.2473, 0.5127,
0.4311

Harmonies

Analogous

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



65.1029, 0.3773, 0.3559



65.1029, 0.3682, 0.3774



65.1029, 0.3440, 0.3869

Triad

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



65.1029, 0.3682, 0.3774



65.1029, 0.2601, 0.3248



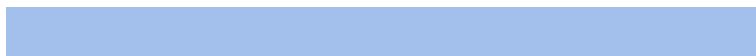
65.1029, 0.3105, 0.2848

Complementary

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



65.1029, 0.3682, 0.3774



51.5539, 0.2621, 0.2751

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.



65.1029, 0.2800, 0.2760



65.1029, 0.3682, 0.3774



65.1029, 0.2521, 0.2971

Square

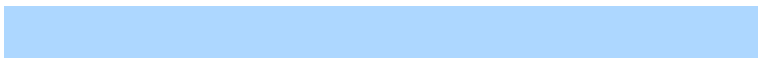
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.1029, 0.3682, 0.3774



65.1029, 0.2817, 0.3558



65.1029, 0.2592, 0.2800



65.1029, 0.3431, 0.3039

Rectangle

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



65.1029, 0.3682, 0.3774



65.1029, 0.3232, 0.3839



65.1029, 0.2592, 0.2800



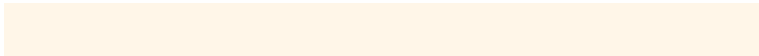
65.1029, 0.2997, 0.2806

Sweetspot

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



65.1059, 0.3682, 0.3774



92.9290, 0.3271, 0.3425



47.8539, 0.3548, 0.2967



19.6549, 0.3295, 0.3448



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.



65.1059, 0.3682, 0.3774



73.7131, 0.3815, 0.3874



79.2390, 0.3540, 0.4076



16.5645, 0.3278, 0.3432



20.7930, 0.5108, 0.4326



1.8198, 0.4947, 0.4454

Inverse Universe

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



51.5539, 0.2621, 0.2751



55.2101, 0.2512, 0.2622



40.8459, 0.2631, 0.2394



15.5309, 0.2980, 0.3144



7.9637, 0.1683, 0.1257



0.8086, 0.1759, 0.1532

Previews

White Background



This preview shows how the Yxy color 65.1029, 0.3682, 0.3774 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 65.1029, 0.3682, 0.3774 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 65.1029, 0.3682, 0.3774

Background



This preview shows how black text looks on a background with the Yxy color 65.1029, 0.3682, 0.3774.



This preview shows how white text looks on a background with the Yxy color 65.1029, 0.3682, 0.3774.

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

65.1029, 0.3682, 0.3774

Protanopia

65.3127, 0.3566, 0.3810

Deuteranopia

65.1664, 0.3778, 0.3707



Tritanopia

65.0921, 0.3346, 0.3132

Trichromacy



Original Color

65.1029, 0.3682, 0.3774

Protanomaly

65.4315, 0.3609, 0.3805

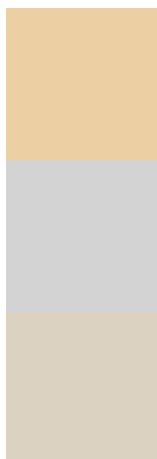
Deuteranomaly

64.9208, 0.3742, 0.3723

Tritanomaly

65.2227, 0.3471, 0.3366

Monochromacy



Original Color

65.1029, 0.3682, 0.3774

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.2039, 0.3317, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1029, 0.3682, 0.3774 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(236, 207, 163)` looks like.

```
.text, #text, p{  
    color:rgb(236, 207, 163)  
}
```

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(236, 207, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 207, 163) }
```

Border

The CSS property to change the border of an element to Yxy 65.1029, 0.3682, 0.3774 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(236, 207, 163) }
```

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

```
.border{ border-color:rgb(236, 207, 163) }
```

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

Here you see how a box with a 4 pixel rgb(236, 207, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 207, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 207, 163);  
box-shadow:4px 4px 4px 4px rgb(236, 207,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1029, 0.3682, 0.3774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 207, 163) }
```

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

```
.background{ background-color: rgb(236,  
207, 163) }
```

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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