

Converting Colors

$Yxy(64.6469, 0.3496, 0.3327)$

Have a look what the booklet for
Yxy(64.6469, 0.3496, 0.3327)
contains.

Yxy(64.3945, 0.3493, 0.3323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(64.3945, 0.3493, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	F3C8C5
RGB	243, 200, 197
RGB Percent	95%, 78%, 77%
CMY	0.0472, 0.2156, 0.2273
CMYK	0.00, 0.18, 0.19, 0.05
HSL	4°, 66%, 86%
HSV	4°, 19%, 95%
XYZ	67.6888, 64.3945, 61.7009
YIQ	212.5150, 26.5910, 8.1830

Conversions

Conversions Part 2

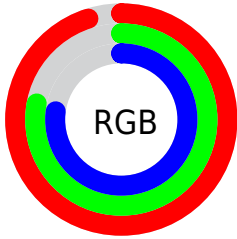
Format	Color
R _Y B	243, 200, 197
Decimal	15976645
CIE Lab	84.17, 14.74, 7.20
CIE LCh	84, 16.405, 26.052
Yxy	64.3945, 0.3493, 0.3323
Android (android.graphics.Color)	4294166725 (0xFFFF3C8C5)
YUV	212.5150, -7.6489, 26.7353
Hunter-Lab	80.2462, 10.1365, 10.5845

Details

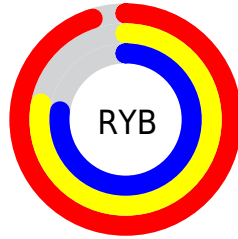
The Yxy color **64.3945, 0.3493, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6525, 0.2841, 0.3257**, and the grayscale version is **66.2387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **32.9800, 0.3586, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **53.6183, 0.3755, 0.3342**, and if you desaturate by 10%, it is **76.9194, 0.3281, 0.3305**.

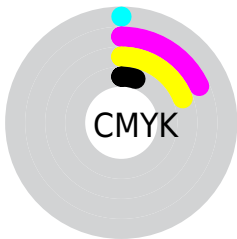
Distribution



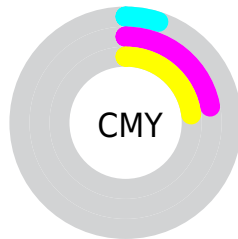
- Red (95%)
- Green (78%)
- Blue (77%)



- Red (95%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (5%)




- Cyan (5%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3945, 0.3493, 0.3323 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 64.3945, 0.3493, 0.3323 by changing the saturation by 10% instead.


 64.3945, 0.3493,
0.3323

 64.3945, 0.3493,
0.3323


440.6129, 0.3319,
0.3310

 46.9703, 0.3534,
0.3325

111.1789, 0.3431,
0.3319

 33.0122, 0.3586,
0.3328


141.3078, 0.3408,
0.3317

 22.1358, 0.3652,
0.3331


176.4405, 0.3388,
0.3316

 13.9567, 0.3741,
0.3334

216.9612, 0.3370,
0.3314

 8.0905, 0.3865,
0.3337

263.2544, 0.3355,
0.3313

 4.1529, 0.4051,
0.3336

315.7045, 0.3341,

 1.7595, 0.4361,

0.3312

374.6958, 0.3329,
0.3311

0.3325

0.4617, 0.6337,
0.3663

0.0000, 0.0000,
0.0000

64.3945, 0.3493,
0.3323

64.3945, 0.3493,
0.3323

53.6183, 0.3755,
0.3342

76.9194, 0.3281,
0.3305

44.5049, 0.4076,
0.3361

91.2567, 0.3110,
0.3288

36.9739, 0.4460,
0.3377

97.7892, 0.3053,
0.3290

30.9352, 0.4899,
0.3389

■ 26.2894, 0.5366,
0.3391

■ 22.9251, 0.5806,
0.3381

■ 20.7138, 0.6151,
0.3358

■ 19.4968, 0.6350,
0.3329

■ 19.4139, 0.6365,
0.3328

Harmonies

Analogous

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



64.3945, 0.3349, 0.3152



64.3945, 0.3493, 0.3323



64.3945, 0.3535, 0.3492

Triad

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



64.3945, 0.3493, 0.3323



64.3945, 0.3097, 0.3587



64.3945, 0.2797, 0.2966

Complementary

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



64.3945, 0.3493, 0.3323



80.6525, 0.2841, 0.3257

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.



64.3945, 0.2735, 0.3069



64.3945, 0.3493, 0.3323



64.3945, 0.2905, 0.3432

Square

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



64.3945, 0.3493, 0.3323



64.3945, 0.3302, 0.3654



64.3945, 0.2774, 0.3239



64.3945, 0.2946, 0.2949

Rectangle

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



64.3945, 0.3493, 0.3323



64.3945, 0.3499, 0.3582



64.3945, 0.2774, 0.3239



64.3945, 0.2766, 0.2991

Sweetspot

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



64.3974, 0.3493, 0.3323



90.2636, 0.3228, 0.3300



65.3256, 0.3166, 0.2843



19.1029, 0.3240, 0.3301



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.



64.3974, 0.3493, 0.3323



66.6462, 0.3595, 0.3331



75.4814, 0.3450, 0.3556



16.6554, 0.3292, 0.3306



10.7234, 0.6354, 0.3337



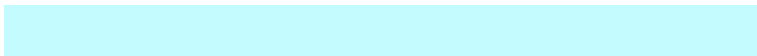
1.0019, 0.6240, 0.3427

Inverse Universe

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



80.6525, 0.2841, 0.3257



88.1132, 0.2782, 0.3249



68.3313, 0.2827, 0.3009



18.5624, 0.2981, 0.3274



33.8406, 0.2191, 0.3086



3.0289, 0.2198, 0.3113

Previews

White Background



This preview shows how the Yxy color 64.3945, 0.3493, 0.3323 looks on a white background.

Color Contrast Check

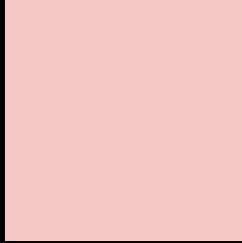
Large Text (above 18pt) WCAG AA × Fail

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 64.3945, 0.3493, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

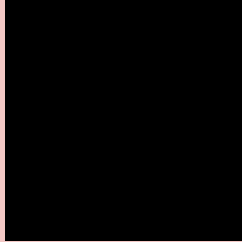
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

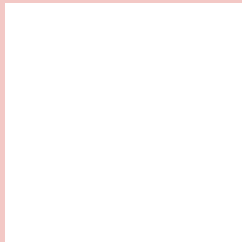
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3945, 0.3493, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 64.3945, 0.3493, 0.3323.



This preview shows how white text looks on a background with the Yxy color 64.3945, 0.3493, 0.3323.

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

64.3945, 0.3493, 0.3323

Protanopia

64.4641, 0.3229, 0.3370

Deuteranopia

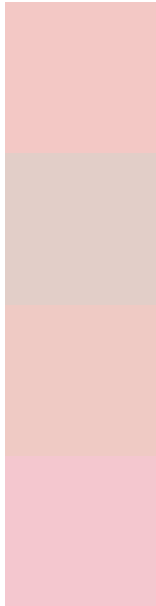
64.5303, 0.3439, 0.3367



Tritanopia

64.6047, 0.3388, 0.3133

Trichromacy



Original Color

64.3945, 0.3493, 0.3323

Protanomaly

64.4815, 0.3325, 0.3357

Deuteranomaly

64.5773, 0.3465, 0.3356

Tritanomaly

64.5849, 0.3425, 0.3206

Monochromacy



Original Color

64.3945, 0.3493, 0.3323

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.4640, 0.3256, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3945, 0.3493, 0.3323 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(243, 200, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 200, 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(243, 200, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 200, 197) }
```

Border

The CSS property to change the border of an element to Yxy 64.3945, 0.3493, 0.3323 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(243, 200, 197) }
```

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

```
.border{ border-color:rgb(243, 200, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 200, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 200, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 200, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 200,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3945, 0.3493, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 200, 197) }
```

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

```
.background{ background-color: rgb(243,  
200, 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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