

Converting Colors

$Y_{xy}(75.9377, 0.3413, 0.3384)$

Have a look what the booklet for
Yxy(75.9377, 0.3413, 0.3384)
contains.

Yxy(76.1635, 0.3415, 0.3393)	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(76.1635, 0.3415, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	FADCD2
RGB	250, 220, 210
RGB Percent	98%, 86%, 82%
CMY	0.0195, 0.1373, 0.1764
CMYK	0.00, 0.12, 0.16, 0.02
HSL	15°, 80%, 90%
HSV	15°, 16%, 98%
XYZ	76.6573, 76.1635, 71.6516
YIQ	227.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

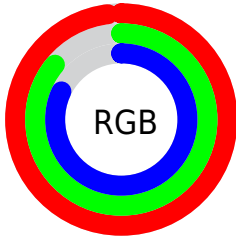
Format	Color
R _{YB}	250, 223, 210
Decimal	16440530
CIE Lab	89.94, 8.80, 8.69
CIE LCh	90, 12.364, 44.628
Yxy	76.1635, 0.3415, 0.3393
Android (android.graphics.Color)	4294630610 (0xFFFA ^{DC} D2)
YUV	227.8300, -8.7902, 19.4431
Hunter-Lab	87.2717, 4.0646, 12.4121

Details

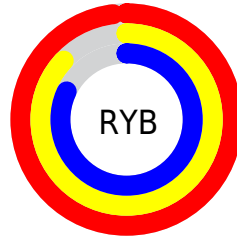
The Yxy color **76.1635, 0.3415, 0.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9576, 0.2880, 0.3185**, and the grayscale version is **77.5106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6480, 0.3477, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **65.7111, 0.3642, 0.3462**, and if you desaturate by 10%, it is **87.9235, 0.3225, 0.3327**.

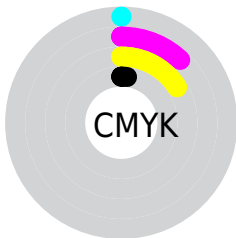
Distribution



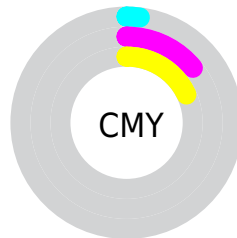
- Red (98%)
- Green (86%)
- Blue (82%)



- Red (98%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1635, 0.3415, 0.3393 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 76.1635, 0.3415, 0.3393 by changing the saturation by 10% instead.

 76.1635, 0.3415,
0.3393

 76.1635, 0.3415,
0.3393


481.9072, 0.3282,
0.3347

 56.5666, 0.3445,
0.3403

127.9580, 0.3369,
0.3378

 40.6574, 0.3483,
0.3415


160.9244, 0.3351,
0.3371

 28.0515, 0.3530,
0.3430


199.1160, 0.3335,
0.3366

 18.3645, 0.3592,
0.3449

242.9173, 0.3322,
0.3361

 11.2120, 0.3677,
0.3474

292.7127, 0.3310,
0.3357

 6.2096, 0.3798,
0.3507

348.8866, 0.3300,

 2.9729, 0.3987,

0.3354

0.3554

411.8233, 0.3290,
0.3350

1.1176, 0.4384,
0.3675

0.0000, 1.0000,
0.0000

76.1635, 0.3415,
0.3393

76.1635, 0.3415,
0.3393

65.7111, 0.3642,
0.3462

87.9235, 0.3225,
0.3327

56.5106, 0.3913,
0.3532

99.0671, 0.3096,
0.3290

48.5174, 0.4229,
0.3598

41.6803, 0.4590,
0.3653

■ 35.9441, 0.4981,
0.3688

■ 31.2492, 0.5377,
0.3689

■ 27.5294, 0.5737,
0.3650

■ 24.7101, 0.6018,
0.3569

■ 23.8080, 0.6108,
0.3532

Harmonies

Analogous

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



76.1635, 0.3356, 0.3267



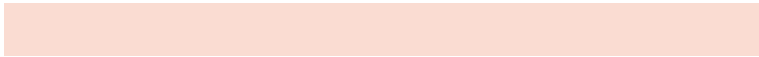
76.1635, 0.3415, 0.3393



76.1635, 0.3395, 0.3496

Triad

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



76.1635, 0.3415, 0.3393



76.1635, 0.3018, 0.3437



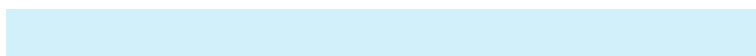
76.1635, 0.2951, 0.3042

Complementary

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



76.1635, 0.3415, 0.3393



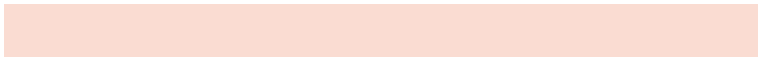
82.9576, 0.2880, 0.3185

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.



76.1635, 0.2865, 0.3080



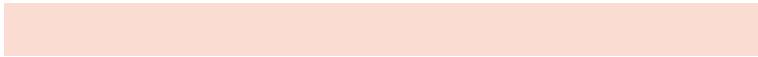
76.1635, 0.3415, 0.3393



76.1635, 0.2903, 0.3308

Square

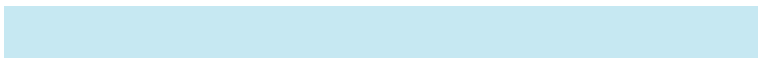
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1635, 0.3415, 0.3393



76.1635, 0.3164, 0.3526



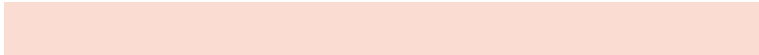
76.1635, 0.2848, 0.3176



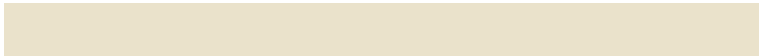
76.1635, 0.3085, 0.3068

Rectangle

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



76.1635, 0.3415, 0.3393



76.1635, 0.3340, 0.3537



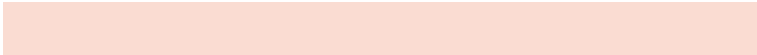
76.1635, 0.2848, 0.3176



76.1635, 0.2916, 0.3048

Sweetspot

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



76.1669, 0.3415, 0.3393



93.2502, 0.3208, 0.3321



72.7669, 0.3210, 0.2983



19.7624, 0.3220, 0.3325



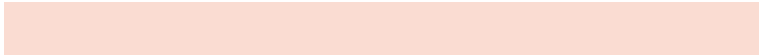
0.0000, 0.0000, 0.0000



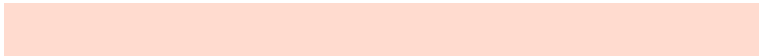
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1669, 0.3415, 0.3393



76.2123, 0.3480, 0.3414



86.9218, 0.3384, 0.3586



17.9281, 0.3288, 0.3350



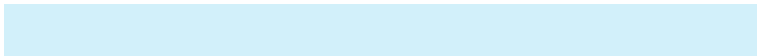
12.8168, 0.6081, 0.3554



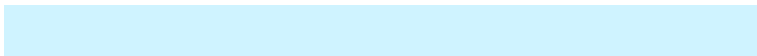
1.3474, 0.5853, 0.3735

Inverse Universe

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



82.9576, 0.2880, 0.3185



84.4751, 0.2834, 0.3163



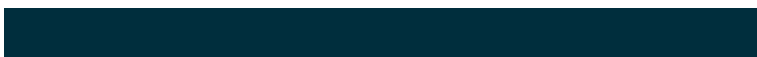
72.1598, 0.2871, 0.2976



18.8327, 0.2980, 0.3229



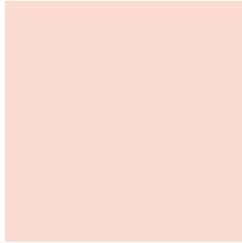
22.9057, 0.2017, 0.2461



2.2886, 0.2048, 0.2572

Previews

White Background



This preview shows how the Yxy color 76.1635, 0.3415, 0.3393 looks on a white background.

Color Contrast Check

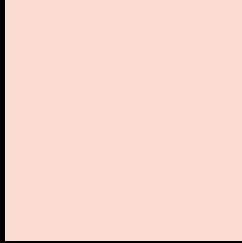
Large Text (above 18pt) WCAG AA × Fail

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 76.1635, 0.3415, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

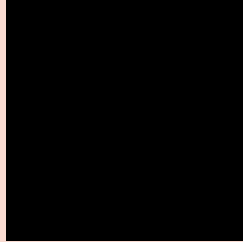
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1635, 0.3415, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 76.1635, 0.3415, 0.3393.

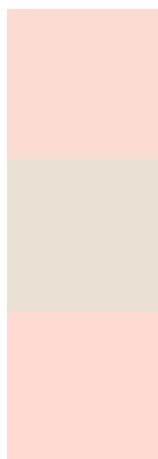


This preview shows how white text looks on a background with the Yxy color 76.1635, 0.3415, 0.3393.

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

76.1635, 0.3415, 0.3393

Protanopia

76.1469, 0.3270, 0.3417

Deuteranopia

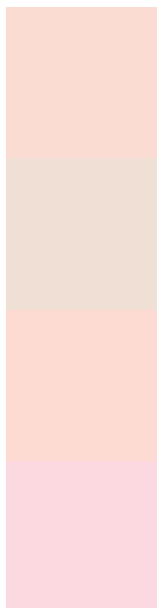
75.8668, 0.3448, 0.3372



Tritanopia

75.8776, 0.3280, 0.3120

Trichromacy



Original Color

76.1635, 0.3415, 0.3393

Protanomaly

76.0541, 0.3323, 0.3406

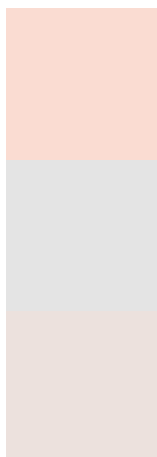
Deuteranomaly

76.1988, 0.3439, 0.3383

Tritanomaly

75.7574, 0.3328, 0.3210

Monochromacy



Original Color

76.1635, 0.3415, 0.3393

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.9038, 0.3231, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1635, 0.3415, 0.3393 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(250, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 210)  
}
```

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(250, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 210) }
```

Border

The CSS property to change the border of an element to Yxy 76.1635, 0.3415, 0.3393 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(250, 220, 210) }
```

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

```
.border{ border-color:rgb(250, 220, 210) }
```

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

Here you see how a box with a 4 pixel rgb(250, 220, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1635, 0.3415, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 210) }
```

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

```
.background{ background-color: rgb(250,  
220, 210) }
```

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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