

Converting Colors

$Yxy(76.4408, 0.3327, 0.3386)$

Have a look what the booklet for
Yxy(76.4408, 0.3327, 0.3386)
contains.

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Color

Yxy(76.5076, 0.3324, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	F2DFD6
RGB	242, 223, 214
RGB Percent	95%, 87%, 84%
CMY	0.0509, 0.1255, 0.1608
CMYK	0.00, 0.08, 0.12, 0.05
HSL	19°, 52%, 89%
HSV	19°, 12%, 95%
XYZ	75.1511, 76.5076, 74.4276
YIQ	227.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

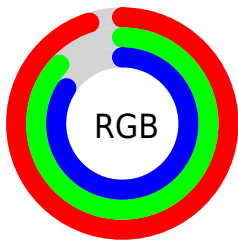
Format	Color
R _Y B	242, 227, 214
Decimal	15917014
CIE Lab	90.09, 5.04, 6.74
CIE LCh	90, 8.420, 53.199
Yxy	76.5076, 0.3324, 0.3384
Android (android.graphics.Color)	4294107094 (0xFFFF2DFD6)
YUV	227.6550, -6.7319, 12.5806
Hunter-Lab	87.4686, 0.2931, 10.7778

Details

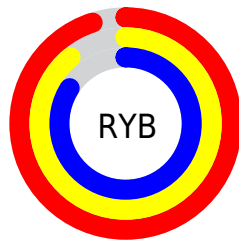
The Yxy color **76.5076, 0.3324, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.0103, 0.2948, 0.3194**, and the grayscale version is **77.3648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9476, 0.3375, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **67.0028, 0.3528, 0.3471**, and if you desaturate by 10%, it is **87.0557, 0.3152, 0.3302**.

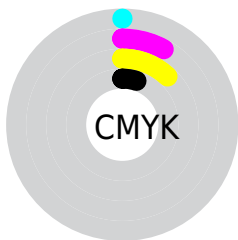
Distribution



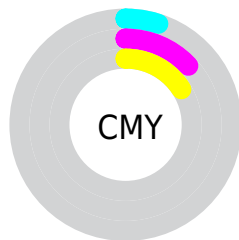
- Red (95%)
- Green (87%)
- Blue (84%)



- Red (95%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5076, 0.3324, 0.3384 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 76.5076, 0.3324, 0.3384 by changing the saturation by 10% instead.


 76.5076, 0.3324,
0.3384

 76.5076, 0.3324,
0.3384

483.0835, 0.3233,
0.3342

 56.8488, 0.3345,
0.3393

128.4442, 0.3293,
0.3369

 40.8839, 0.3370,
0.3405


161.4908, 0.3280,
0.3364

 28.2284, 0.3402,
0.3419

199.7688, 0.3270,
0.3359

 18.4979, 0.3444,
0.3438

243.6626, 0.3261,
0.3355

 11.3080, 0.3502,
0.3463

293.5565, 0.3253,
0.3351

 6.2744, 0.3584,
0.3497

349.8351, 0.3245,

 3.0127, 0.3712,

0.3347

0.3549

412.8826, 0.3239,
0.3344

■ 1.1383, 0.3958,
0.3651

■ 0.0105, 0.9271,
0.0729

■ 76.5076, 0.3324,
0.3384

■ 76.5076, 0.3324,
0.3384

■ 67.0028, 0.3528,
0.3471

■ 87.0557, 0.3152,
0.3302

■ 58.4991, 0.3768,
0.3560

■ 97.6226, 0.3048,
0.3290

■ 50.9657, 0.4047,
0.3648

■ 44.3667, 0.4364,
0.3727

■ 38.6639, 0.4714,
0.3789

■ 33.8158, 0.5078,
0.3820

■ 29.7778, 0.5430,
0.3809

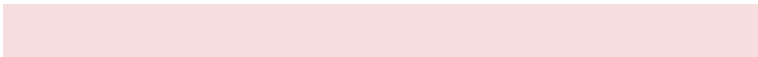
■ 26.4997, 0.5734,
0.3748

■ 24.2805, 0.5939,
0.3667

Harmonies

Analogous

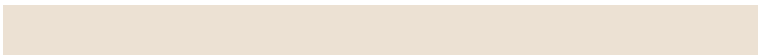
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5076, 0.3299, 0.3300



76.5076, 0.3324, 0.3384



76.5076, 0.3296, 0.3445

Triad

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



76.5076, 0.3324, 0.3384



76.5076, 0.3027, 0.3367



76.5076, 0.3031, 0.3121

Complementary

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



76.5076, 0.3324, 0.3384



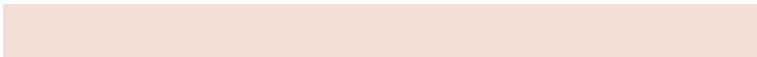
79.0103, 0.2948, 0.3194

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.



76.5076, 0.2961, 0.3135



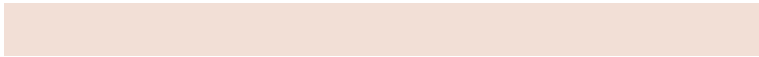
76.5076, 0.3324, 0.3384



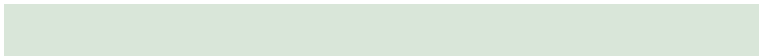
76.5076, 0.2959, 0.3276

Square

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



76.5076, 0.3324, 0.3384



76.5076, 0.3124, 0.3436



76.5076, 0.2934, 0.3192



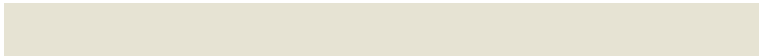
76.5076, 0.3128, 0.3150

Rectangle

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



76.5076, 0.3324, 0.3384



76.5076, 0.3250, 0.3463



76.5076, 0.2934, 0.3192



76.5076, 0.3004, 0.3121

Sweetspot

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



76.5110, 0.3324, 0.3384



96.2465, 0.3175, 0.3314



72.8707, 0.3201, 0.3093



20.3899, 0.3188, 0.3320



0.0000, 0.0000, 0.0000



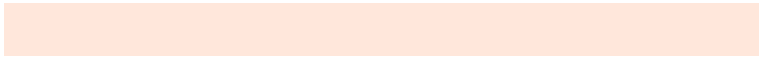
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5110, 0.3324, 0.3384



83.4035, 0.3371, 0.3405



84.2440, 0.3307, 0.3525



16.5866, 0.3285, 0.3366



13.2584, 0.5909, 0.3690



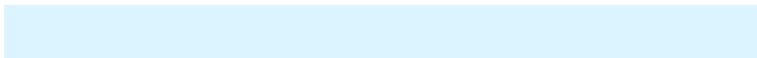
1.2761, 0.5653, 0.3894

Inverse Universe

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



79.0103, 0.2948, 0.3194



86.7562, 0.2909, 0.3172



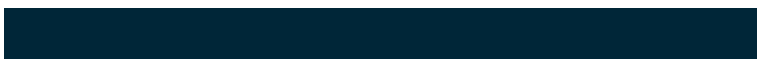
71.4476, 0.2945, 0.3043



17.0241, 0.2981, 0.3212



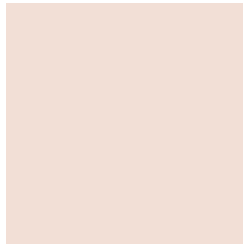
18.0361, 0.1947, 0.2207



1.6794, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 76.5076, 0.3324, 0.3384 looks on a white background.

Color Contrast Check

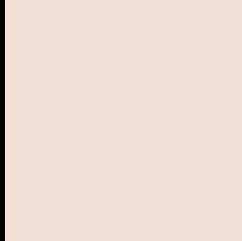
Large Text (above 18pt) WCAG AA × Fail

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 76.5076, 0.3324, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

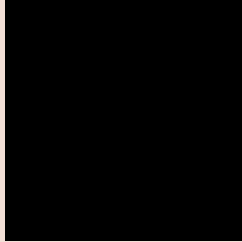
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

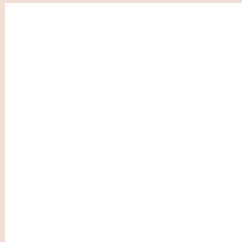
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5076, 0.3324, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 76.5076, 0.3324, 0.3384.

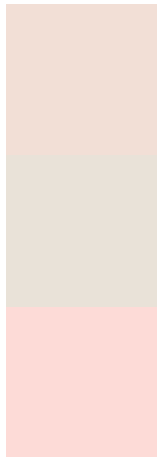


This preview shows how white text looks on a background with the Yxy color 76.5076, 0.3324, 0.3384.

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

76.5076, 0.3324, 0.3384

Protanopia

76.6742, 0.3242, 0.3396

Deuteranopia

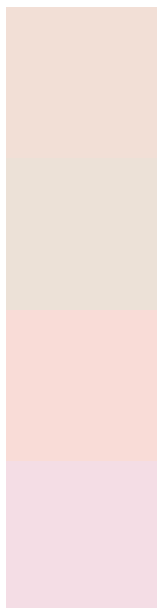
76.4520, 0.3403, 0.3331



Tritanopia

76.7133, 0.3192, 0.3118

Trichromacy



Original Color

76.5076, 0.3324, 0.3384

Protanomaly

76.5896, 0.3271, 0.3396

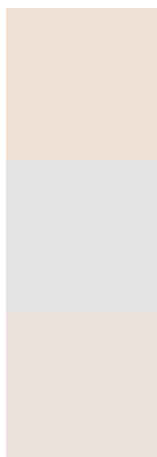
Deuteranomaly

76.2324, 0.3372, 0.3342

Tritanomaly

76.6031, 0.3238, 0.3208

Monochromacy



Original Color

76.5076, 0.3324, 0.3384

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0441, 0.3196, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5076, 0.3324, 0.3384 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(242, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(242, 223, 214)  
}
```

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(242, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 223, 214) }
```

Border

The CSS property to change the border of an element to Yxy 76.5076, 0.3324, 0.3384 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(242, 223, 214) }
```

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

```
.border{ border-color:rgb(242, 223, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 223, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(242, 223,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5076, 0.3324, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 223, 214) }
```

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

```
.background{ background-color: rgb(242,  
223, 214) }
```

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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