

Converting Colors

$Yxy(76.5648, 0.3295, 0.3370)$

Have a look what the booklet for
Yxy(76.5648, 0.3295, 0.3370)
contains.

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Color

Yxy(76.7944, 0.3294, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	F0E0D8
RGB	240, 224, 216
RGB Percent	94%, 88%, 85%
CMY	0.0590, 0.1215, 0.1529
CMYK	0.00, 0.07, 0.10, 0.06
HSL	20°, 44%, 89%
HSV	20°, 10%, 94%
XYZ	74.9735, 76.7944, 75.8385
YIQ	227.8720, 12.1040, 0.9040

Conversions

Conversions Part 2

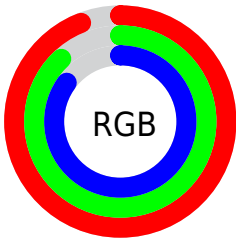
Format	Color
R_{YB}	240, 228, 216
Decimal	15786200
CIE Lab	90.23, 4.11, 5.86
CIE LCh	90, 7.161, 54.982
Yxy	76.7944, 0.3294, 0.3374
Android (android.graphics.Color)	4293976280 (0xFFFF0E0D8)
YUV	227.8720, -5.8529, 10.6363
Hunter-Lab	87.6324, -0.6418, 10.0322

Details

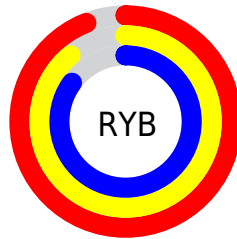
The Yxy color **76.7944, 0.3294, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5648, 0.2973, 0.3205**, and the grayscale version is **77.5197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1395, 0.3336, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **67.4636, 0.3491, 0.3464**, and if you desaturate by 10%, it is **87.1187, 0.3127, 0.3290**.

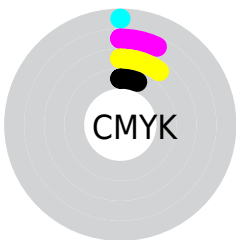
Distribution



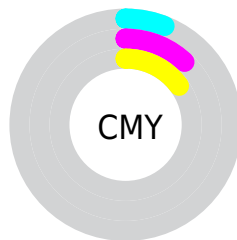
- Red (94%)
- Green (88%)
- Blue (85%)



- Red (94%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7944, 0.3294, 0.3374 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 76.7944, 0.3294, 0.3374 by changing the saturation by 10% instead.


 76.7944, 0.3294,
0.3374

 76.7944, 0.3294,
0.3374


484.0627, 0.3217,
0.3336

 57.0841, 0.3311,
0.3382

128.8492, 0.3267,
0.3361

 41.0728, 0.3333,
0.3393


161.9626, 0.3257,
0.3356

 28.3760, 0.3360,
0.3406


200.3124, 0.3248,
0.3351

 18.6093, 0.3396,
0.3423

244.2831, 0.3240,
0.3348

 11.3883, 0.3444,
0.3445

294.2591, 0.3234,
0.3344

 6.3286, 0.3513,
0.3477

350.6248, 0.3227,

 3.0459, 0.3621,

0.3341

413.7645, 0.3222,
0.3338

0.3524

■ 1.1558, 0.3820,
0.3610

■ 0.0251, 0.8318,
0.1682

■ 76.7944, 0.3294,
0.3374

■ 76.7944, 0.3294,
0.3374

■ 67.4636, 0.3491,
0.3464

■ 87.1187, 0.3127,
0.3290

■ 59.0863, 0.3723,
0.3556

■ 97.2570, 0.3035,
0.3290

■ 51.6345, 0.3993,
0.3649

■ 45.0748, 0.4300,
0.3734

■ 39.3721, 0.4639,
0.3802

■ 34.4882, 0.4996,
0.3842

■ 30.3820, 0.5345,
0.3841

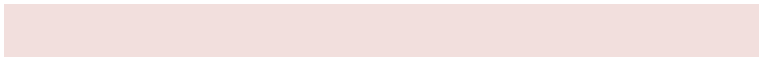
■ 27.0078, 0.5655,
0.3790

■ 24.3073, 0.5902,
0.3696

Harmonies

Analogous

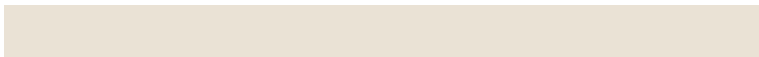
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7944, 0.3275, 0.3303



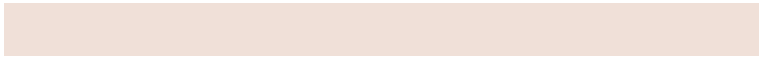
76.7944, 0.3294, 0.3374



76.7944, 0.3267, 0.3424

Triad

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



76.7944, 0.3294, 0.3374



76.7944, 0.3038, 0.3351



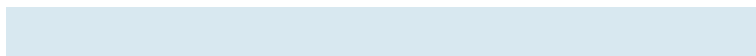
76.7944, 0.3050, 0.3146

Complementary

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



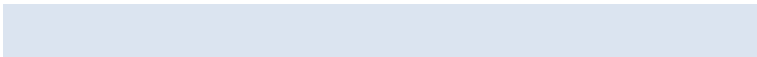
76.7944, 0.3294, 0.3374



78.5648, 0.2973, 0.3205

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.



76.7944, 0.2988, 0.3157



76.7944, 0.3294, 0.3374



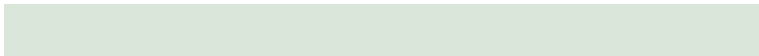
76.7944, 0.2981, 0.3274

Square

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



76.7944, 0.3294, 0.3374



76.7944, 0.3119, 0.3411



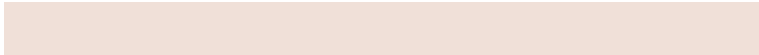
76.7944, 0.2963, 0.3203



76.7944, 0.3134, 0.3173

Rectangle

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



76.7944, 0.3294, 0.3374



76.7944, 0.3228, 0.3438



76.7944, 0.2963, 0.3203



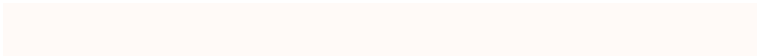
76.7944, 0.3026, 0.3146

Sweetspot

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



76.7978, 0.3294, 0.3374



96.3129, 0.3175, 0.3315



73.4551, 0.3193, 0.3125



20.4078, 0.3188, 0.3321



0.0000, 0.0000, 0.0000



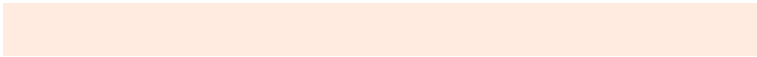
21.4041, 0.3127, 0.3290

Same Dimension

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



76.7978, 0.3294, 0.3374



85.8766, 0.3332, 0.3392



83.4437, 0.3280, 0.3496



16.6235, 0.3285, 0.3370



13.5283, 0.5873, 0.3719



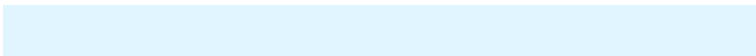
1.3020, 0.5618, 0.3921

Inverse Universe

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



78.5648, 0.2973, 0.3205



88.2886, 0.2941, 0.3186



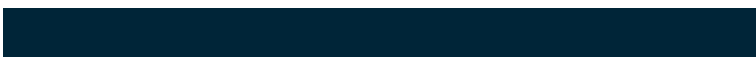
72.0719, 0.2971, 0.3075



16.9855, 0.2980, 0.3209



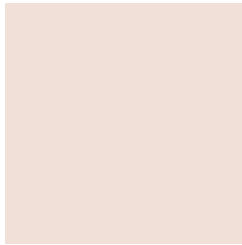
17.3964, 0.1933, 0.2157



1.6296, 0.1979, 0.2324

Previews

White Background



This preview shows how the Yxy color 76.7944, 0.3294, 0.3374 looks on a white background.

Color Contrast Check

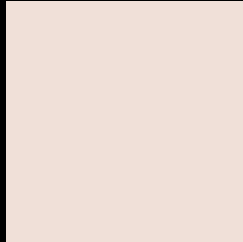
Large Text (above 18pt) WCAG AA × Fail

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 76.7944, 0.3294, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

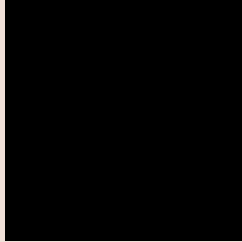
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

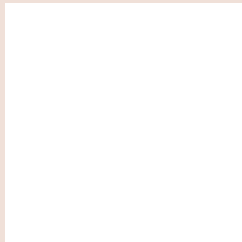
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7944, 0.3294, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 76.7944, 0.3294, 0.3374.

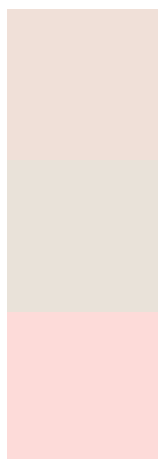


This preview shows how white text looks on a background with the Yxy color 76.7944, 0.3294, 0.3374.

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

76.7944, 0.3294, 0.3374

Protanopia

76.7261, 0.3235, 0.3385

Deuteranopia

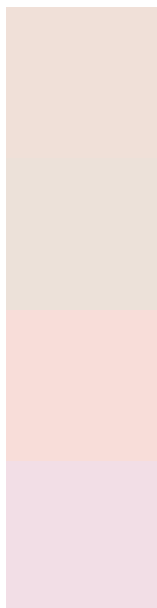
76.5554, 0.3389, 0.3311



Tritanopia

76.9406, 0.3171, 0.3117

Trichromacy



Original Color

76.7944, 0.3294, 0.3374

Protanomaly

76.6930, 0.3258, 0.3374

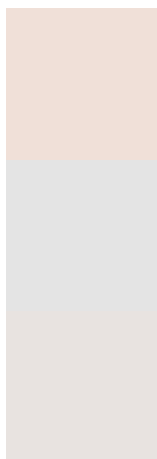
Deuteranomaly

76.6791, 0.3350, 0.3332

Tritanomaly

76.8330, 0.3216, 0.3208

Monochromacy



Original Color

76.7944, 0.3294, 0.3374

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4758, 0.3181, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7944, 0.3294, 0.3374 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(240, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(240, 224, 216)  
}
```

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(240, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 224, 216) }
```

Border

The CSS property to change the border of an element to Yxy 76.7944, 0.3294, 0.3374 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(240, 224, 216) }
```

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

```
.border{ border-color:rgb(240, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 224,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7944, 0.3294, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 224, 216) }
```

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

```
.background{ background-color: rgb(240,  
224, 216) }
```

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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