

Converting Colors

$Y_{xy}(74.4792, 0.3295, 0.3327)$

Have a look what the booklet for
Yxy(74.4792, 0.3295, 0.3327)
contains.

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Color

Yxy(74.6695, 0.3299, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	F0DCD8
RGB	240, 220, 216
RGB Percent	94%, 86%, 85%
CMY	0.0588, 0.1373, 0.1528
CMYK	0.00, 0.08, 0.10, 0.06
HSL	10°, 44%, 89%
HSV	10°, 10%, 94%
XYZ	73.9300, 74.6695, 75.4987
YIQ	225.5240, 13.2040, 2.9960

Conversions

Conversions Part 2

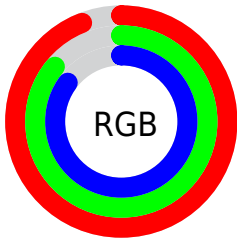
Format	Color
R _Y B	240, 221, 216
Decimal	15785176
CIE Lab	89.24, 6.22, 4.42
CIE LCh	89, 7.632, 35.433
Yxy	74.6695, 0.3299, 0.3332
Android (android.graphics.Color)	4293975256 (0xFFFF0DCD8)
YUV	225.5240, -4.6953, 12.6955
Hunter-Lab	86.4115, 1.4968, 8.6858

Details

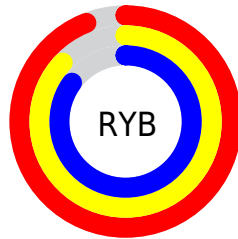
The Yxy color **74.6695, 0.3299, 0.3332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9135, 0.2973, 0.3248**, and the grayscale version is **75.7235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6738, 0.3343, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **63.6292, 0.3508, 0.3377**, and if you desaturate by 10%, it is **87.1573, 0.3127, 0.3290**.

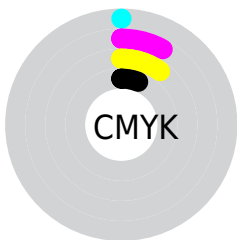
Distribution



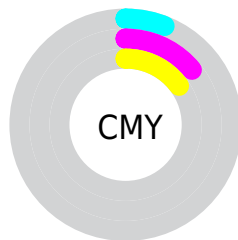
- Red (94%)
- Green (86%)
- Blue (85%)



- Red (94%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6695, 0.3299, 0.3332 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 74.6695, 0.3299, 0.3332 by changing the saturation by 10% instead.

 74.6695, 0.3299,
0.3332

 74.6695, 0.3299,
0.3332


476.7808, 0.3220,
0.3313

 55.3422, 0.3317,
0.3336


125.8444, 0.3271,
0.3326

 39.6757, 0.3340,
0.3341


158.4608, 0.3261,
0.3323

 27.2858, 0.3368,
0.3347


196.2756, 0.3251,
0.3321

 17.7880, 0.3406,
0.3355

239.6734, 0.3243,
0.3319

 10.7979, 0.3457,
0.3366

289.0384, 0.3236,
0.3317

 5.9311, 0.3530,
0.3380

344.7550, 0.3230,

 2.8032, 0.3647,

0.3316

0.3401

407.2077, 0.3225,
0.3314

■ 1.0299, 0.3867,
0.3444

■ 0.0000, 1.0000,
0.0000

■ 74.6695, 0.3299,
0.3332

■ 74.6695, 0.3299,
0.3332

■ 63.6292, 0.3508,
0.3377

■ 87.1573, 0.3127,
0.3290

■ 53.9745, 0.3763,
0.3424

■ 97.2685, 0.3036,
0.3290

■ 45.6532, 0.4069,
0.3470

■ 38.6064, 0.4428,
0.3511

■ 32.7707, 0.4835,
0.3540

■ 28.0770, 0.5267,
0.3550

■ 24.4492, 0.5682,
0.3532

■ 21.8016, 0.6024,
0.3483

■ 20.0283, 0.6256,
0.3415

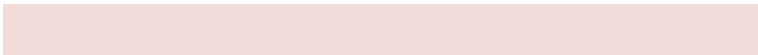
Harmonies

Analogous

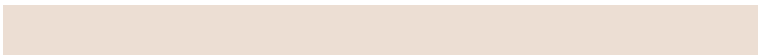
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6695, 0.3249, 0.3252



74.6695, 0.3299, 0.3332



74.6695, 0.3302, 0.3402

Triad

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



74.6695, 0.3299, 0.3332



74.6695, 0.3087, 0.3401



74.6695, 0.2997, 0.3138

Complementary

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



74.6695, 0.3299, 0.3332



80.9135, 0.2973, 0.3248

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.



74.6695, 0.2955, 0.3175



74.6695, 0.3299, 0.3332



74.6695, 0.3006, 0.3327

Square

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



74.6695, 0.3299, 0.3332



74.6695, 0.3179, 0.3444



74.6695, 0.2959, 0.3244



74.6695, 0.3074, 0.3141

Rectangle

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



74.6695, 0.3299, 0.3332



74.6695, 0.3277, 0.3434



74.6695, 0.2959, 0.3244



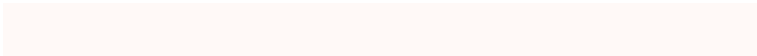
74.6695, 0.2979, 0.3146

Sweetspot

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



74.6728, 0.3299, 0.3332



95.5114, 0.3175, 0.3302



73.7343, 0.3163, 0.3080



20.1922, 0.3189, 0.3306



0.0000, 0.0000, 0.0000



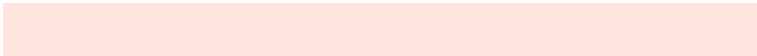
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6728, 0.3299, 0.3332



82.9598, 0.3338, 0.3341



80.9879, 0.3286, 0.3452



16.1814, 0.3289, 0.3330



11.0894, 0.6234, 0.3432



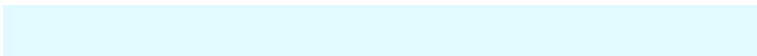
1.0452, 0.6006, 0.3613

Inverse Universe

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



80.9135, 0.2973, 0.3248



91.4622, 0.2942, 0.3238



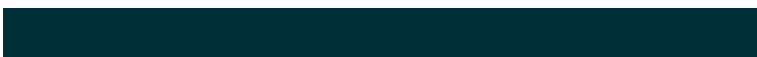
74.4346, 0.2972, 0.3123



17.4575, 0.2981, 0.3250



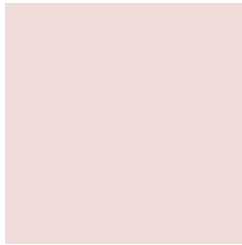
26.2955, 0.2098, 0.2754



2.3047, 0.2120, 0.2832

Previews

White Background



This preview shows how the Yxy color 74.6695, 0.3299, 0.3332 looks on a white background.

Color Contrast Check

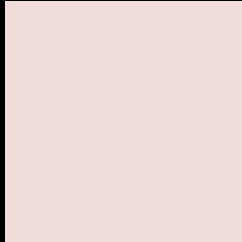
Large Text (above 18pt) WCAG AA × Fail

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 74.6695, 0.3299, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

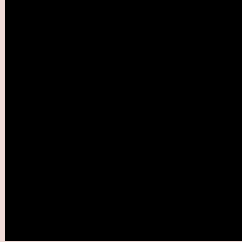
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

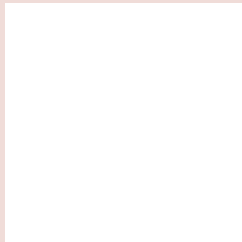
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6695, 0.3299, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 74.6695, 0.3299, 0.3332.

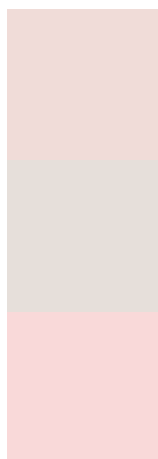


This preview shows how white text looks on a background with the Yxy color 74.6695, 0.3299, 0.3332.

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

74.6695, 0.3299, 0.3332

Protanopia

74.6603, 0.3210, 0.3344

Deuteranopia

74.7752, 0.3362, 0.3291



Tritanopia

74.6209, 0.3200, 0.3116

Trichromacy



Original Color

74.6695, 0.3299, 0.3332

Protanomaly

74.7447, 0.3246, 0.3343

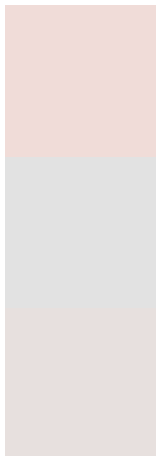
Deuteranomaly

74.7454, 0.3339, 0.3301

Tritanomaly

74.5661, 0.3240, 0.3197

Monochromacy



Original Color

74.6695, 0.3299, 0.3332

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5742, 0.3190, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6695, 0.3299, 0.3332 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, 220, 216)` looks like.

```
.text, #text, p{  
    color:rgb(240, 220, 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, 220, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 220, 216) }
```

Border

The CSS property to change the border of an element to Yxy 74.6695, 0.3299, 0.3332 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, 220, 216) }
```

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

```
.border{ border-color:rgb(240, 220, 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, 220, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 220, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 220, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 220,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6695, 0.3299, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 220, 216) }
```

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

```
.background{ background-color: rgb(240,  
220, 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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