

Converting Colors

$Yxy(79.7314, 0.3246, 0.3486)$

Have a look what the booklet for
Yxy(79.7314, 0.3246, 0.3486)
contains.

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Color

Yxy(79.6731, 0.3249, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	E8E8D5
RGB	232, 232, 213
RGB Percent	91%, 91%, 84%
CMY	0.0901, 0.0902, 0.1648
CMYK	0.00, 0.00, 0.08, 0.09
HSL	60°, 29%, 87%
HSV	60°, 8%, 91%
XYZ	74.1501, 79.6731, 74.4011
YIQ	229.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

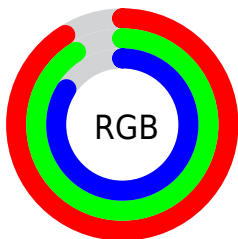
Format	Color
RYB	213, 232, 213
Decimal	15263957
CIELab	91.54, -3.24, 9.25
CIElCh	92, 9.803, 109.299
Yxy	79.6731, 0.3249, 0.3491
Android (android.graphics.Color)	4293454037 (0xFFE8E8D5)
YUV	229.8340, -8.2992, 1.8996
Hunter-Lab	89.2598, -7.9208, 13.0616

Details

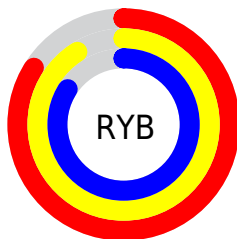
The Yxy color **79.6731, 0.3249, 0.3491** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **67.5611, 0.3000, 0.3081**, and the grayscale version is **79.0645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7494, 0.3277, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **78.5585, 0.3401, 0.3742**, and if you desaturate by 10%, it is **80.9632, 0.3101, 0.3247**.

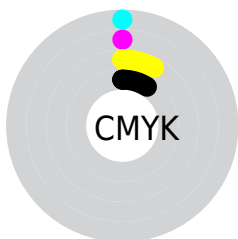
Distribution



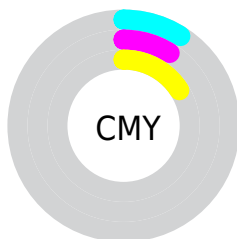
- Red (91%)
- Green (91%)
- Blue (84%)



- Red (84%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.6731, 0.3249, 0.3491 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 79.6731, 0.3249, 0.3491 by changing the saturation by 10% instead.

■ 79.6731, 0.3249,
0.3491

■ 79.6731, 0.3249,
0.3491

493.8305, 0.3194,
0.3399

■ 59.4494, 0.3261,
0.3512

132.9060, 0.3230,
0.3459

■ 42.9750, 0.3276,
0.3538

166.6840, 0.3223,
0.3447

■ 29.8655, 0.3295,
0.3570

205.7489, 0.3216,
0.3436

■ 19.7365, 0.3320,
0.3612

250.4851, 0.3211,
0.3427

■ 12.2037, 0.3353,
0.3669

301.2769, 0.3206,
0.3419

■ 6.8825, 0.3398,
0.3751

358.5089, 0.3201,

■ 3.3887, 0.3467,

0.3411

0.3876

422.5652, 0.3197,
0.3405

■ 1.3379, 0.3599,
0.4114

■ 0.1703, 0.3270,
0.6730

■ 79.6731, 0.3249,
0.3491

■ 79.6731, 0.3249,
0.3491

■ 78.5585, 0.3401,
0.3742

■ 80.9632, 0.3101,
0.3247

■ 77.6019, 0.3553,
0.3993


■ 82.1399, 0.2987,
0.3058

■ 76.7992, 0.3701,
0.4236

■ 82.1629, 0.2987,
0.3059


■ 76.1420, 0.3837,
0.4460


■ 82.1859, 0.2987,
0.3059

 75.6213, 0.3957,
0.4657


 82.2089, 0.2987,
0.3059

 75.2272, 0.4054,
0.4818

 82.2319, 0.2987,
0.3060

 74.9483, 0.4126,
0.4936

 82.2549, 0.2987,
0.3060

 74.7710, 0.4172,
0.5010

 82.2779, 0.2987,
0.3061

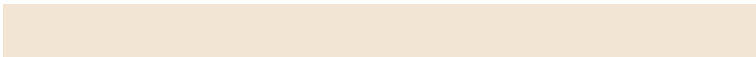
 74.6764, 0.4193,
0.5046

 82.3009, 0.2987,
0.3061

Harmonies

Analogous

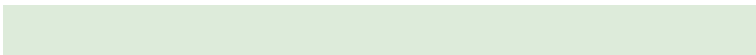
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6731, 0.3328, 0.3461



79.6731, 0.3249, 0.3491



79.6731, 0.3138, 0.3466

Triad

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



79.6731, 0.3249, 0.3491



79.6731, 0.2906, 0.3188



79.6731, 0.3228, 0.3193

Complementary

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



79.6731, 0.3249, 0.3491



67.5611, 0.3000, 0.3081

Split Complementary

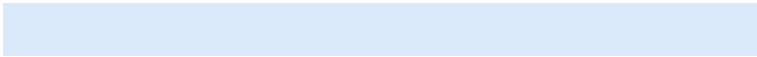
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6731, 0.3113, 0.3123



79.6731, 0.3249, 0.3491



79.6731, 0.2929, 0.3118

Square

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



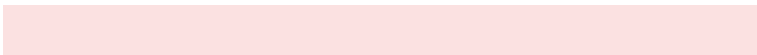
79.6731, 0.3249, 0.3491



79.6731, 0.2941, 0.3288



79.6731, 0.3004, 0.3095



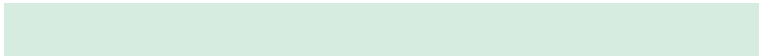
79.6731, 0.3316, 0.3288

Rectangle

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



79.6731, 0.3249, 0.3491



79.6731, 0.3061, 0.3420



79.6731, 0.3004, 0.3095



79.6731, 0.3191, 0.3166

Sweetspot

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



79.6766, 0.3249, 0.3491



99.6701, 0.3157, 0.3339



69.5543, 0.3267, 0.3287



21.3370, 0.3155, 0.3336



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.



79.6766, 0.3249, 0.3491



98.4365, 0.3277, 0.3537



78.1936, 0.3185, 0.3495



16.8127, 0.3268, 0.3522



41.4391, 0.4196, 0.5050



3.0636, 0.4196, 0.5051

Inverse Universe

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



67.5611, 0.3000, 0.3081



80.3010, 0.2970, 0.3031



68.9610, 0.3066, 0.3085



13.8912, 0.2980, 0.3047



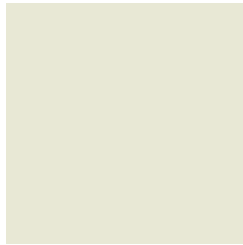
3.2413, 0.1500, 0.0601



0.2410, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 79.6731, 0.3249, 0.3491 looks on a white background.

Color Contrast Check

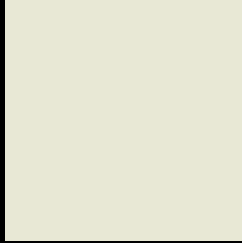
Large Text (above 18pt) WCAG AA × Fail

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 79.6731, 0.3249, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

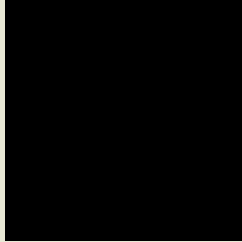
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

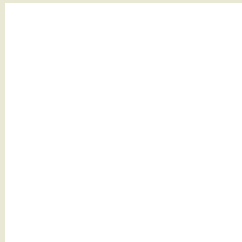
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6731, 0.3249, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 79.6731, 0.3249, 0.3491.

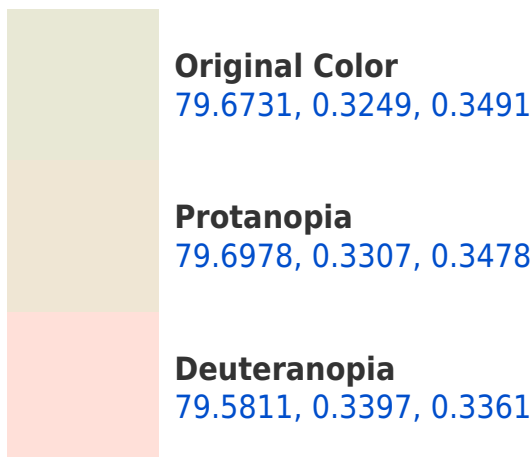


This preview shows how white text looks on a background with the Yxy color 79.6731, 0.3249, 0.3491.

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

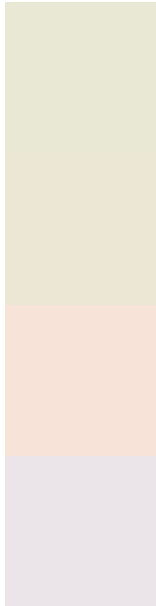




Tritanopia

79.5353, 0.3081, 0.3107

Trichromacy



Original Color

79.6731, 0.3249, 0.3491

Protanomaly

79.7382, 0.3284, 0.3489

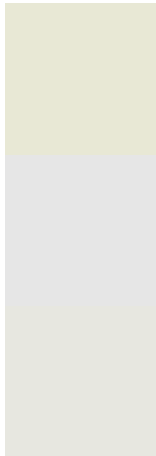
Deuteranomaly

79.6702, 0.3341, 0.3403

Tritanomaly

79.5840, 0.3143, 0.3249

Monochromacy



Original Color

79.6731, 0.3249, 0.3491

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.5226, 0.3172, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6731, 0.3249, 0.3491 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(232, 232, 213)` looks like.

```
.text, #text, p{  
    color:rgb(232, 232, 213)  
}
```

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(232, 232, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 232, 213) }
```

Border

The CSS property to change the border of an element to Yxy 79.6731, 0.3249, 0.3491 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(232, 232, 213) }
```

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

```
.border{ border-color:rgb(232, 232, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 232, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 232, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 232, 213); box-shadow:4px 4px 4px 4px rgb(232, 232, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6731, 0.3249, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 232, 213) }
```

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

```
.background{ background-color: rgb(232,  
232, 213) }
```

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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