

Converting Colors

$Yxy(73.5738, 0.3245, 0.3481)$

Have a look what the booklet for
Yxy(73.5738, 0.3245, 0.3481)
contains.

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Color

Yxy(73.6148, 0.3246, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	E0E0CE
RGB	224, 224, 206
RGB Percent	88%, 88%, 81%
CMY	0.1217, 0.1215, 0.1923
CMYK	0.00, 0.00, 0.08, 0.12
HSL	60°, 23%, 84%
HSV	60°, 8%, 88%
XYZ	68.5270, 73.6148, 68.9703
YIQ	221.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

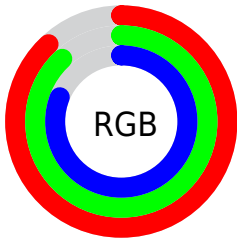
Format	Color
R_{YB}	206, 224, 206
Decimal	14737614
CIE Lab	88.74, -3.12, 8.82
CIE LCh	89, 9.359, 109.488
Yxy	73.6148, 0.3246, 0.3487
Android (android.graphics.Color)	4292927694 (0xFFE0E0CE)
YUV	221.9480, -7.8624, 1.7996
Hunter-Lab	85.7991, -7.5819, 12.3986

Details

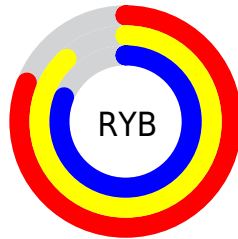
The Yxy color **73.6148, 0.3246, 0.3487** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6355, 0.3004, 0.3085**, and the grayscale version is **73.0597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0779, 0.3274, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **72.5969, 0.3397, 0.3738**, and if you desaturate by 10%, it is **74.7943, 0.3099, 0.3243**.

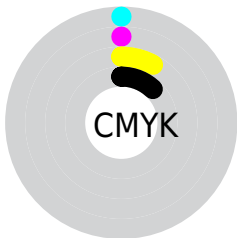
Distribution



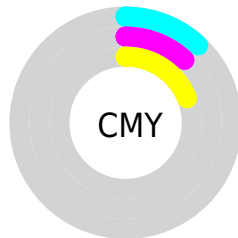
- Red (88%)
- Green (88%)
- Blue (81%)



- Red (81%)
- Yellow (88%)
- Blue (81%)



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



- Cyan (12%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6148, 0.3246, 0.3487 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 73.6148, 0.3246, 0.3487 by changing the saturation by 10% instead.

■ 73.6148, 0.3246,
0.3487

■ 73.6148, 0.3246,
0.3487

473.1428, 0.3191,
0.3395

■ 54.4788, 0.3258,
0.3508

124.3496, 0.3227,
0.3455

■ 38.9846, 0.3274,
0.3534

156.7172, 0.3220,
0.3443

■ 26.7478, 0.3293,
0.3567

194.2642, 0.3213,
0.3432

■ 17.3839, 0.3318,
0.3611

237.3749, 0.3208,
0.3423

■ 10.5086, 0.3352,
0.3671

286.4337, 0.3203,
0.3415

■ 5.7374, 0.3401,
0.3757

341.8250, 0.3199,

■ 2.6861, 0.3475,

0.3408

0.3895

403.9333, 0.3195,
0.3401

0.9701, 0.3748,
0.4311

0.0000, 0.0000,
0.0000

73.6148, 0.3246,
0.3487

73.6148, 0.3246,
0.3487

72.5969, 0.3397,
0.3738

74.7943, 0.3099,
0.3243

71.7245, 0.3549,
0.3989


76.1318, 0.2959,
0.3012

70.9937, 0.3695,
0.4232


76.4099, 0.2934,
0.2970

70.3970, 0.3831,
0.4458


76.4189, 0.2935,
0.2970

 69.9261, 0.3950,
0.4655


 76.4278, 0.2935,
0.2970


 69.5719, 0.4047,
0.4817


 76.4367, 0.2935,
0.2970


 69.3239, 0.4119,
0.4937

 76.4457, 0.2936,
0.2970

 69.1700, 0.4164,
0.5014

 76.4546, 0.2936,
0.2970

 69.0926, 0.4186,
0.5051

 76.4636, 0.2936,
0.2970

Harmonies

Analogous

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



73.6148, 0.3324, 0.3458



73.6148, 0.3246, 0.3487



73.6148, 0.3137, 0.3462

Triad

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



73.6148, 0.3246, 0.3487



73.6148, 0.2911, 0.3190



73.6148, 0.3226, 0.3195

Complementary

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



73.6148, 0.3246, 0.3487



62.6355, 0.3004, 0.3085

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.



73.6148, 0.3114, 0.3126



73.6148, 0.3246, 0.3487



73.6148, 0.2933, 0.3121

Square

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



73.6148, 0.3246, 0.3487



73.6148, 0.2945, 0.3287



73.6148, 0.3007, 0.3099



73.6148, 0.3313, 0.3289

Rectangle

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



73.6148, 0.3246, 0.3487



73.6148, 0.3062, 0.3417



73.6148, 0.3007, 0.3099



73.6148, 0.3190, 0.3168

Sweetspot

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



73.6180, 0.3246, 0.3487



99.6734, 0.3157, 0.3339



64.4335, 0.3266, 0.3290



21.3376, 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.



73.6180, 0.3246, 0.3487



98.4531, 0.3276, 0.3537



72.2214, 0.3181, 0.3491



16.0278, 0.3267, 0.3522



40.2043, 0.4189, 0.5056



2.7873, 0.4190, 0.5055

Inverse Universe

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



62.6355, 0.3004, 0.3085



80.2866, 0.2970, 0.3030



63.9576, 0.3069, 0.3089



13.2450, 0.2981, 0.3048



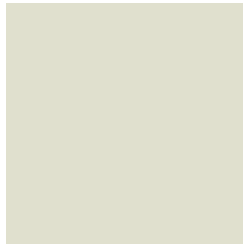
3.1354, 0.1501, 0.0601



0.2179, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 73.6148, 0.3246, 0.3487 looks on a white background.

Color Contrast Check

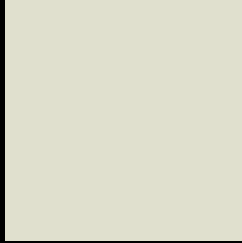
Large Text (above 18pt) WCAG AA × Fail

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 73.6148, 0.3246, 0.3487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

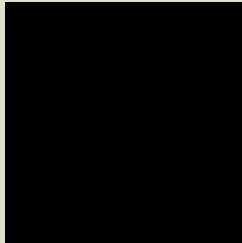
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

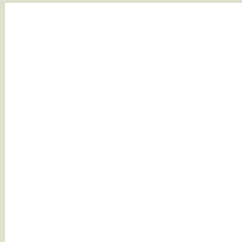
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6148, 0.3246, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 73.6148, 0.3246, 0.3487.



This preview shows how white text looks on a background with the Yxy color 73.6148, 0.3246, 0.3487.

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

73.6148, 0.3246, 0.3487

Protanopia

73.6393, 0.3306, 0.3473

Deuteranopia

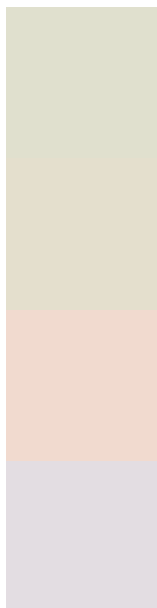
73.4789, 0.3438, 0.3363



Tritanopia

73.2714, 0.3073, 0.3101

Trichromacy



Original Color

73.6148, 0.3246, 0.3487

Protanomaly

73.6771, 0.3283, 0.3485

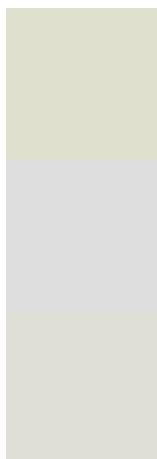
Deuteranomaly

73.3486, 0.3372, 0.3406

Tritanomaly

73.5348, 0.3137, 0.3237

Monochromacy



Original Color

73.6148, 0.3246, 0.3487

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4212, 0.3173, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6148, 0.3246, 0.3487 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(224, 224, 206)` looks like.

```
.text, #text, p{  
    color:rgb(224, 224, 206)  
}
```

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(224, 224, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 224, 206) }
```

Border

The CSS property to change the border of an element to Yxy 73.6148, 0.3246, 0.3487 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(224, 224, 206) }
```

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

```
.border{ border-color:rgb(224, 224, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 224, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 224, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 224, 206);  
box-shadow:4px 4px 4px 4px rgb(224, 224,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6148, 0.3246, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 224, 206) }
```

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

```
.background{ background-color: rgb(224,  
224, 206) }
```

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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