

Converting Colors

$Yxy(73.8577, 0.3197, 0.3748)$

Have a look what the booklet for
Yxy(73.8577, 0.3197, 0.3748)
contains.

Yxy(73.7508, 0.3194, 0.3747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.7508, 0.3194, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	CCE7BF
RGB	204, 231, 191
RGB Percent	80%, 91%, 75%
CMY	0.2003, 0.0940, 0.2510
CMYK	0.12, 0.00, 0.17, 0.09
HSL	101°, 45%, 83%
HSV	101°, 17%, 91%
XYZ	62.8663, 73.7508, 60.2092
YIQ	218.3670, -3.2520, -18.1640

Conversions

Conversions Part 2

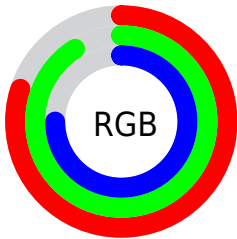
Format	Color
RYB	191, 231, 218
Decimal	13428671
CIELab	88.80, -16.10, 16.54
CIElCh	89, 23.082, 134.233
Yxy	73.7508, 0.3194, 0.3747
Android (android.graphics.Color)	4291618751 (0xFFCCE7BF)
YUV	218.3670, -13.4919, -12.5999
Hunter-Lab	85.8783, -19.6179, 18.5467

Details

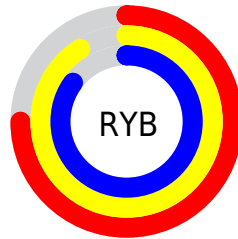
The Yxy color **73.7508, 0.3194, 0.3747** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.9509, 0.3047, 0.2848**, and the grayscale version is **70.4677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **38.9501, 0.3215, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **70.7166, 0.3229, 0.4045**, and if you desaturate by 10%, it is **77.1736, 0.3156, 0.3474**.

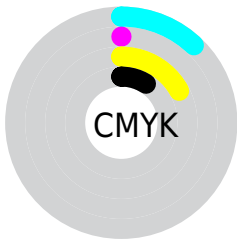
Distribution



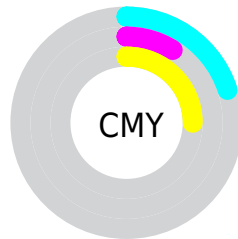
- Red (80%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (9%)




- Cyan (20%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7508, 0.3194, 0.3747 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 73.7508, 0.3194, 0.3747 by changing the saturation by 10% instead.

 73.7508, 0.3194,
0.3747

 73.7508, 0.3194,
0.3747


473.6129, 0.3166,
0.3530

 54.5901, 0.3200,
0.3798

 124.5425, 0.3185,
0.3671

 39.0736, 0.3206,
0.3861

156.9423, 0.3181,
0.3641

 26.8170, 0.3213,
0.3943


194.5239, 0.3178,
0.3616

 17.4358, 0.3222,
0.4051

237.6717, 0.3175,
0.3595

 10.5457, 0.3231,
0.4201

286.7701, 0.3172,
0.3575

 5.7623, 0.3238,
0.4424

342.2035, 0.3170,

 2.7011, 0.3235,

0.3559

0.4785

404.3563, 0.3168,
0.3544

0.9777, 0.3530,
0.6470

0.0000, 0.0000,
0.0000

73.7508, 0.3194,
0.3747

73.7508, 0.3194,
0.3747

70.7166, 0.3229,
0.4045

77.1736, 0.3156,
0.3474

68.0476, 0.3258,
0.4361

80.9889, 0.3117,
0.3227

65.7319, 0.3278,
0.4685

84.8659, 0.3110,
0.3056

63.7536, 0.3285,
0.5004

85.6454, 0.3138,
0.3058

■ 62.0953, 0.3278,
0.5297

■ 60.7377, 0.3255,
0.5545

■ 59.6592, 0.3216,
0.5733

■ 58.8332, 0.3166,
0.5853

■ 58.6465, 0.3153,
0.5879

Harmonies

Analogous

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



73.7508, 0.3456, 0.3777



73.7508, 0.3194, 0.3747



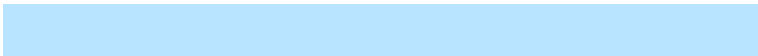
73.7508, 0.2922, 0.3576

Triad

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



73.7508, 0.3194, 0.3747



73.7508, 0.2639, 0.2896



73.7508, 0.3558, 0.3238

Complementary

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



73.7508, 0.3194, 0.3747



57.9509, 0.3047, 0.2848

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.



73.7508, 0.3322, 0.3027



73.7508, 0.3194, 0.3747



73.7508, 0.2794, 0.2831

Square

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



73.7508, 0.3194, 0.3747



73.7508, 0.2610, 0.3071



73.7508, 0.3041, 0.2880



73.7508, 0.3674, 0.3470

Rectangle

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



73.7508, 0.3194, 0.3747



73.7508, 0.2771, 0.3410



73.7508, 0.3041, 0.2880



73.7508, 0.3490, 0.3163

Sweetspot

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



73.7540, 0.3194, 0.3747



97.6054, 0.3147, 0.3414



70.7323, 0.3411, 0.3582



20.8217, 0.3150, 0.3432



0.0000, 0.0000, 0.0000



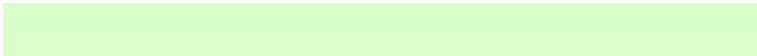
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7540, 0.3194, 0.3747



90.7794, 0.3208, 0.3857



72.3033, 0.3064, 0.3679



16.3140, 0.3164, 0.3529



32.9296, 0.3163, 0.5870



2.4820, 0.3275, 0.5782

Inverse Universe

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



57.9509, 0.3047, 0.2848



67.3288, 0.3026, 0.2746



59.6541, 0.3197, 0.2930



14.3697, 0.3086, 0.3055



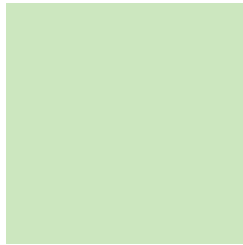
7.2876, 0.2410, 0.1101



0.5881, 0.2529, 0.1167

Previews

White Background



This preview shows how the Yxy color 73.7508, 0.3194, 0.3747 looks on a white background.

Color Contrast Check

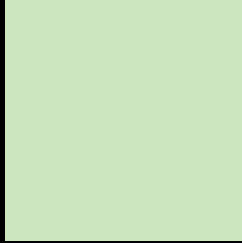
Large Text (above 18pt) WCAG AA × Fail

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 73.7508, 0.3194, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

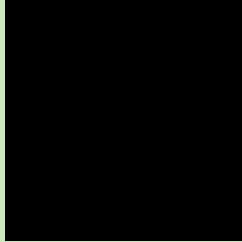
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

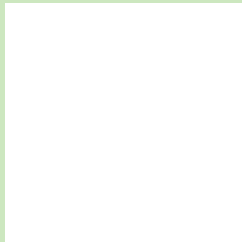
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7508, 0.3194, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 73.7508, 0.3194, 0.3747.

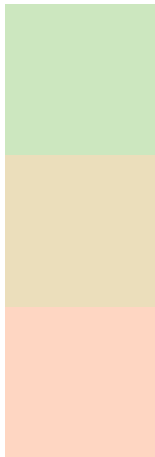


This preview shows how white text looks on a background with the Yxy color 73.7508, 0.3194, 0.3747.

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

73.7508, 0.3194, 0.3747

Protanopia

73.4926, 0.3461, 0.3668

Deuteranopia

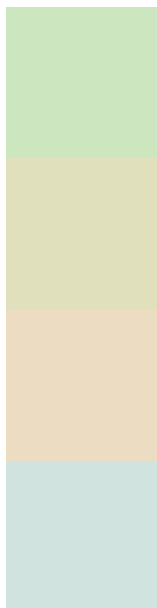
73.0590, 0.3573, 0.3497



Tritanopia

73.7192, 0.2933, 0.3096

Trichromacy



Original Color

73.7508, 0.3194, 0.3747

Protanomaly

73.3286, 0.3366, 0.3698

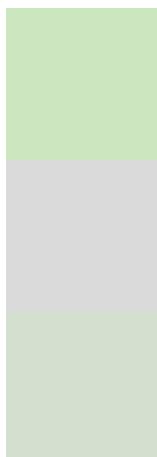
Deuteranomaly

72.8695, 0.3430, 0.3580

Tritanomaly

73.8212, 0.3030, 0.3334

Monochromacy



Original Color

73.7508, 0.3194, 0.3747

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.4756, 0.3155, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7508, 0.3194, 0.3747 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(204, 231, 191)` looks like.

```
.text, #text, p{  
    color:rgb(204, 231, 191)  
}
```

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(204, 231, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 231, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.7508, 0.3194, 0.3747 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(204, 231, 191) }
```

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

```
.border{ border-color:rgb(204, 231, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 231, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 231, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 231, 191);  
box-shadow:4px 4px 4px 4px rgb(204, 231,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7508, 0.3194, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 231, 191) }
```

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

```
.background{ background-color: rgb(204,  
231, 191) }
```

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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