

Converting Colors

Yxy(74.8604, 0.3211, 0.3619)

Have a look what the booklet for
Yxy(74.8604, 0.3211, 0.3619)
contains.

Yxy(75.0599, 0.3208, 0.3624)	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(75.0599, 0.3208, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	D6E6C8
RGB	214, 230, 200
RGB Percent	84%, 90%, 78%
CMY	0.1609, 0.0980, 0.2158
CMYK	0.07, 0.00, 0.13, 0.10
HSL	92°, 38%, 84%
HSV	92°, 13%, 90%
XYZ	66.4438, 75.0599, 65.6153
YIQ	221.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

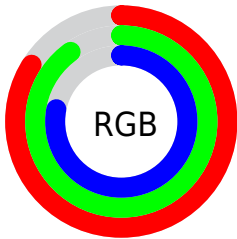
Format	Color
R_{YB}	200, 230, 216
Decimal	14083784
CIE _{Lab}	89.42, -10.65, 12.83
CIE _{LCh}	89, 16.672, 129.692
Y _{xy}	75.0599, 0.3208, 0.3624
Android (android.graphics.Color)	4292273864 (0xFFD6E6C8)
YUV	221.7960, -10.7454, -6.8371
Hunter-Lab	86.6371, -14.7197, 15.7423

Details

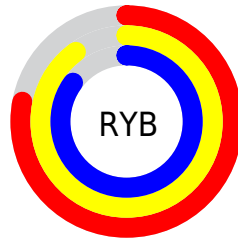
The Yxy color **75.0599, 0.3208, 0.3624** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.6162, 0.3037, 0.2958**, and the grayscale version is **72.9698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7184, 0.3224, 0.3699** is the 20% darker color. If you saturate the color by 10%, you get **72.2876, 0.3268, 0.3905**, and if you desaturate by 10%, it is **78.1400, 0.3146, 0.3365**.

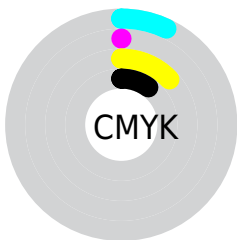
Distribution



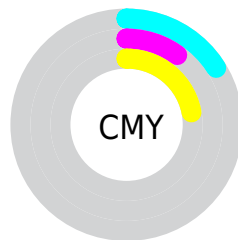
- Red (84%)
- Green (90%)
- Blue (78%)



- Red (78%)
- Yellow (90%)
- Blue (85%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0599, 0.3208, 0.3624 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 75.0599, 0.3208, 0.3624 by changing the saturation by 10% instead.

■ 75.0599, 0.3208,
0.3624

■ 75.0599, 0.3208,
0.3624

478.1234, 0.3172,
0.3467

■ 55.6620, 0.3216,
0.3660

126.3971, 0.3196,
0.3569

■ 39.9320, 0.3225,
0.3705

159.1053, 0.3191,
0.3548

■ 27.4855, 0.3237,
0.3763

197.0189, 0.3187,
0.3530

■ 17.9382, 0.3251,
0.3839

240.5224, 0.3183,
0.3514

■ 10.9056, 0.3269,
0.3944

290.0002, 0.3180,
0.3500

■ 6.0034, 0.3293,
0.4098


345.8367, 0.3177,

■ 2.8471, 0.3324,

0.3488


0.4344


408.4163, 0.3175,
0.3477


 1.0525, 0.3616,
0.5204


 0.0000, 0.0000,
0.0000


 75.0599, 0.3208,
0.3624


 75.0599, 0.3208,
0.3624


 72.2876, 0.3268,
0.3905


 78.1400, 0.3146,
0.3365


 69.8032, 0.3323,
0.4201

 81.5280, 0.3085,
0.3129

 67.5989, 0.3370,
0.4507

 84.3025, 0.3111,
0.3046

 65.6631, 0.3404,
0.4809

 85.0831, 0.3138,
0.3049

■ 63.9831, 0.3421,
0.5093

■ 62.5449, 0.3418,
0.5342

■ 61.3328, 0.3394,
0.5542

■ 60.3284, 0.3349,
0.5684

■ 59.7353, 0.3311,
0.5753

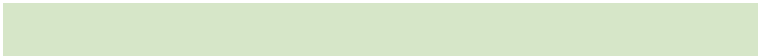
Harmonies

Analogous

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



75.0599, 0.3390, 0.3633



75.0599, 0.3208, 0.3624



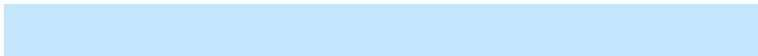
75.0599, 0.3009, 0.3516

Triad

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



75.0599, 0.3208, 0.3624



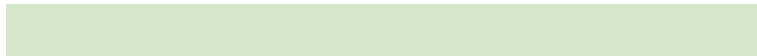
75.0599, 0.2764, 0.3022



75.0599, 0.3415, 0.3229

Complementary

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



75.0599, 0.3208, 0.3624



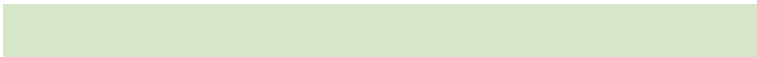
61.6162, 0.3037, 0.2958

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.



75.0599, 0.3239, 0.3079



75.0599, 0.3208, 0.3624



75.0599, 0.2865, 0.2959

Square

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



75.0599, 0.3208, 0.3624



75.0599, 0.2757, 0.3161



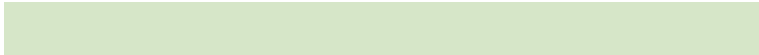
75.0599, 0.3037, 0.2981



75.0599, 0.3512, 0.3399

Rectangle

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



75.0599, 0.3208, 0.3624



75.0599, 0.2893, 0.3405



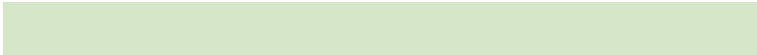
75.0599, 0.3037, 0.2981



75.0599, 0.3362, 0.3175

Sweetspot

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



75.0631, 0.3208, 0.3624



98.3412, 0.3152, 0.3389



70.1061, 0.3342, 0.3465



20.9838, 0.3157, 0.3408



0.0000, 0.0000, 0.0000



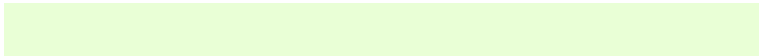
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0631, 0.3208, 0.3624



93.7422, 0.3227, 0.3707



73.0956, 0.3105, 0.3622



16.4164, 0.3186, 0.3528



33.8844, 0.3322, 0.5744



2.5588, 0.3435, 0.5654

Inverse Universe

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



61.6162, 0.3037, 0.2958



73.2477, 0.3013, 0.2876



63.7824, 0.3149, 0.2979



14.2644, 0.3064, 0.3053



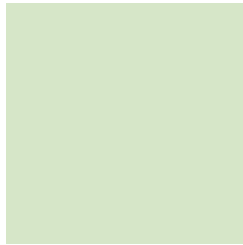
5.6880, 0.2094, 0.0927



0.4755, 0.2247, 0.1012

Previews

White Background



This preview shows how the Yxy color 75.0599, 0.3208, 0.3624 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 75.0599, 0.3208, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

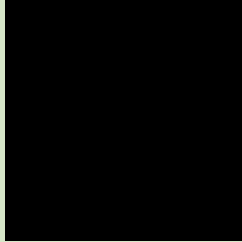
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

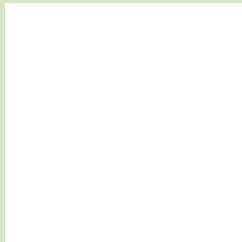
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0599, 0.3208, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 75.0599, 0.3208, 0.3624.

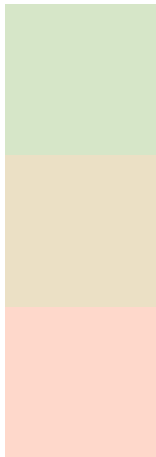


This preview shows how white text looks on a background with the Yxy color 75.0599, 0.3208, 0.3624.

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

75.0599, 0.3208, 0.3624

Protanopia

75.0047, 0.3388, 0.3579

Deuteranopia

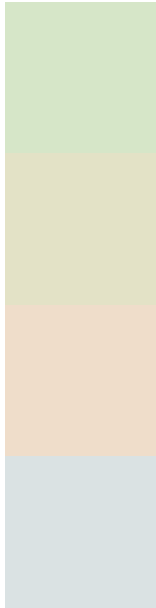
74.4944, 0.3503, 0.3424



Tritanopia

74.9378, 0.2986, 0.3099

Trichromacy



Original Color

75.0599, 0.3208, 0.3624

Protanomaly

74.8008, 0.3319, 0.3595

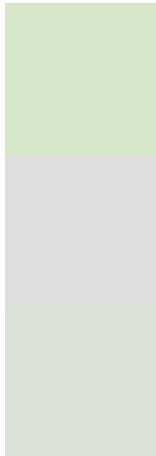
Deuteranomaly

74.3279, 0.3388, 0.3492

Tritanomaly

74.8442, 0.3066, 0.3279

Monochromacy



Original Color

75.0599, 0.3208, 0.3624

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.7655, 0.3157, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0599, 0.3208, 0.3624 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(214, 230, 200)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 200)  
}
```

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(214, 230, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 200) }
```

Border

The CSS property to change the border of an element to Yxy 75.0599, 0.3208, 0.3624 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(214, 230, 200) }
```

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

```
.border{ border-color:rgb(214, 230, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 230, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 230, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 230, 200); box-shadow:4px 4px 4px 4px rgb(214, 230, 200) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0599, 0.3208, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 200) }
```

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

```
.background{ background-color: rgb(214,  
230, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor