

Converting Colors

$Y_{xy}(75.1005, 0.3180, 0.3577)$

Have a look what the booklet for
Yxy(75.1005, 0.3180, 0.3577)
contains.

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Color

Yxy(75.2494, 0.3182, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	D6E6CC
RGB	214, 230, 204
RGB Percent	84%, 90%, 80%
CMY	0.1609, 0.0980, 0.1999
CMYK	0.07, 0.00, 0.11, 0.10
HSL	97°, 34%, 85%
HSV	97°, 11%, 90%
XYZ	66.9211, 75.2494, 68.1409
YIQ	222.2520, -1.1900, -11.4780

Conversions

Conversions Part 2

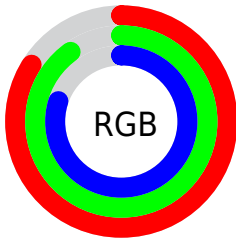
Format	Color
R_{YB}	204, 230, 220
Decimal	14083788
CIE _{Lab}	89.51, -9.97, 10.84
CIE _{LCh}	90, 14.728, 132.601
Y _{xy}	75.2494, 0.3182, 0.3578
Android (android.graphics.Color)	4292273868 (0xFFD6E6CC)
YUV	222.2520, -8.9982, -7.2370
Hunter-Lab	86.7464, -14.1013, 14.1491

Details

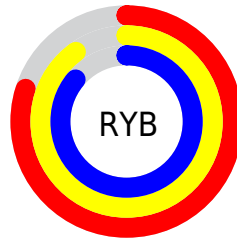
The Yxy color **75.2494, 0.3182, 0.3578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.1417, 0.3066, 0.3006**, and the grayscale version is **73.2985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2329, 0.3190, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **72.1837, 0.3229, 0.3859**, and if you desaturate by 10%, it is **78.6711, 0.3133, 0.3321**.

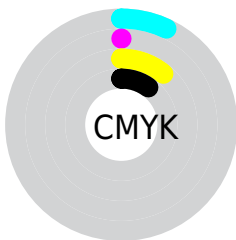
Distribution



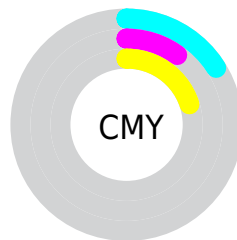
- Red (84%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (86%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2494, 0.3182, 0.3578 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 75.2494, 0.3182, 0.3578 by changing the saturation by 10% instead.

■ 75.2494, 0.3182,
0.3578

■ 75.2494, 0.3182,
0.3578

478.7744, 0.3158,
0.3443

■ 55.8172, 0.3187,
0.3609

126.6653, 0.3174,
0.3531

■ 40.0564, 0.3193,
0.3648

159.4179, 0.3171,
0.3513

■ 27.5825, 0.3201,
0.3697

197.3794, 0.3168,
0.3497

■ 18.0112, 0.3211,
0.3763

240.9342, 0.3165,
0.3483

■ 10.9580, 0.3223,
0.3853

290.4667, 0.3163,
0.3472

■ 6.0386, 0.3238,
0.3984

346.3613, 0.3161,

■ 2.8686, 0.3258,

0.3461

0.4196

409.0024, 0.3159,
0.3452

■ 1.0635, 0.3428,
0.4814

■ 0.0000, 0.0000,
0.0000

■ 75.2494, 0.3182,
0.3578

■ 75.2494, 0.3182,
0.3578

■ 72.1837, 0.3229,
0.3859

■ 78.6711, 0.3133,
0.3321

■ 69.4525, 0.3271,
0.4160

■ 82.4503, 0.3085,
0.3090

■ 67.0464, 0.3306,
0.4474

■ 85.0815, 0.3138,
0.3049

■ 64.9519, 0.3330,
0.4790

■ 63.1546, 0.3339,
0.5092

■ 61.6386, 0.3331,
0.5361

■ 60.3863, 0.3304,
0.5582

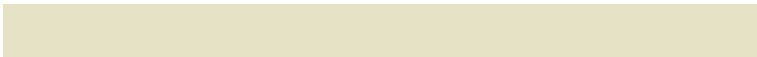
■ 59.3772, 0.3259,
0.5740

■ 58.6719, 0.3212,
0.5832

Harmonies

Analogous

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



75.2494, 0.3346, 0.3596



75.2494, 0.3182, 0.3578



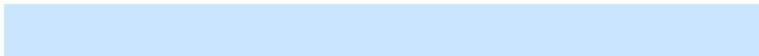
75.2494, 0.3007, 0.3476

Triad

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



75.2494, 0.3182, 0.3578



75.2494, 0.2811, 0.3045



75.2494, 0.3393, 0.3251

Complementary

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



75.2494, 0.3182, 0.3578



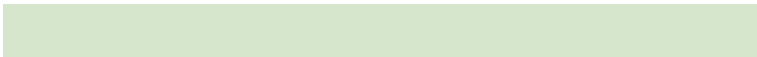
64.1417, 0.3066, 0.3006

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.



75.2494, 0.3243, 0.3114



75.2494, 0.3182, 0.3578



75.2494, 0.2908, 0.2995

Square

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



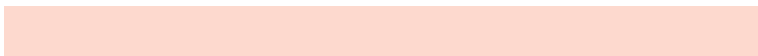
75.2494, 0.3182, 0.3578



75.2494, 0.2796, 0.3163



75.2494, 0.3065, 0.3021



75.2494, 0.3470, 0.3402

Rectangle

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



75.2494, 0.3182, 0.3578



75.2494, 0.2907, 0.3376



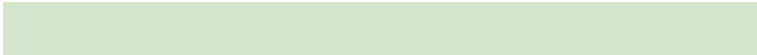
75.2494, 0.3065, 0.3021



75.2494, 0.3349, 0.3202

Sweetspot

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



75.2526, 0.3182, 0.3578



98.6316, 0.3142, 0.3364



72.4005, 0.3308, 0.3464



21.0345, 0.3146, 0.3384



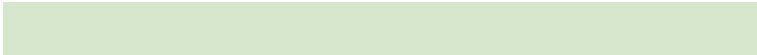
0.0000, 0.0000, 0.0000



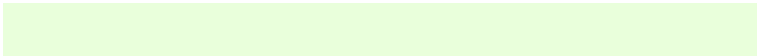
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2526, 0.3182, 0.3578



93.9646, 0.3195, 0.3654



73.9508, 0.3094, 0.3549



16.3562, 0.3173, 0.3529



33.2771, 0.3223, 0.5823



2.5111, 0.3337, 0.5732

Inverse Universe

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



64.1417, 0.3066, 0.3006



76.8031, 0.3049, 0.2933



65.5696, 0.3162, 0.3044



14.3258, 0.3077, 0.3054



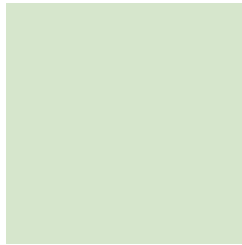
6.5673, 0.2274, 0.1026



0.5383, 0.2409, 0.1101

Previews

White Background



This preview shows how the Yxy color 75.2494, 0.3182, 0.3578 looks on a white background.

Color Contrast Check

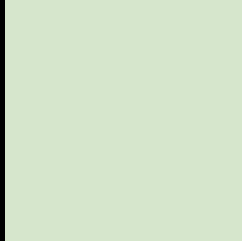
Large Text (above 18pt) WCAG AA × Fail

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 75.2494, 0.3182, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

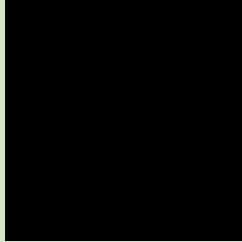
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

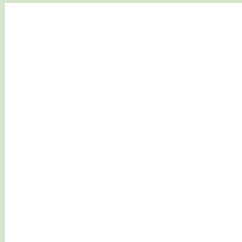
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2494, 0.3182, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 75.2494, 0.3182, 0.3578.



This preview shows how white text looks on a background with the Yxy color 75.2494, 0.3182, 0.3578.

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

75.2494, 0.3182, 0.3578

Protanopia

75.0208, 0.3353, 0.3536

Deuteranopia

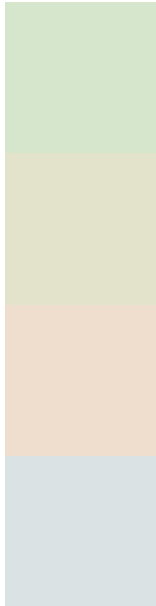
75.0133, 0.3464, 0.3393



Tritanopia

74.9378, 0.2986, 0.3099

Trichromacy



Original Color

75.2494, 0.3182, 0.3578

Protanomaly

74.9879, 0.3292, 0.3550

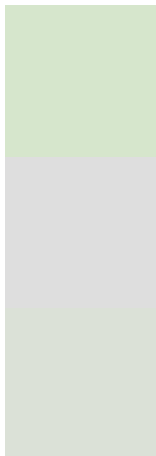
Deuteranomaly

75.0495, 0.3358, 0.3459

Tritanomaly

74.8996, 0.3059, 0.3268

Monochromacy



Original Color

75.2494, 0.3182, 0.3578

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.8168, 0.3150, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2494, 0.3182, 0.3578 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, 204) looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 204) }
```

Border

The CSS property to change the border of an element to Yxy 75.2494, 0.3182, 0.3578 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, 204) }
```

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

```
.border{ border-color:rgb(214, 230, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 204);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2494, 0.3182, 0.3578 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, 204) }
```

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

```
.background{ background-color: rgb(214,  
230, 204) }
```

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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