

Converting Colors

$Yxy(77.5279, 0.3194, 0.3468)$

Have a look what the booklet for
Yxy(77.5279, 0.3194, 0.3468)
contains.

Yxy(77.4562, 0.3195, 0.3462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.4562, 0.3195, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	E1E6D6
RGB	225, 230, 214
RGB Percent	88%, 90%, 84%
CMY	0.1177, 0.0980, 0.1608
CMYK	0.02, 0.00, 0.07, 0.10
HSL	79°, 24%, 87%
HSV	79°, 7%, 90%
XYZ	71.4825, 77.4562, 74.7938
YIQ	226.6810, 2.1560, -6.0360

Conversions

Conversions Part 2

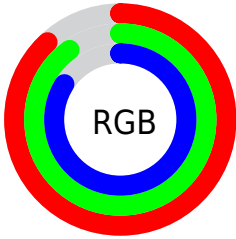
Format	Color
R_{YB}	214, 230, 219
Decimal	14804694
CIE _{Lab}	90.53, -4.49, 7.21
CIE _{LCh}	91, 8.490, 121.908
Yxy	77.4562, 0.3195, 0.3462
Android (android.graphics.Color)	4292994774 (0xFFE1E6D6)
YUV	226.6810, -6.2517, -1.4742
Hunter-Lab	88.0092, -9.0354, 11.2194

Details

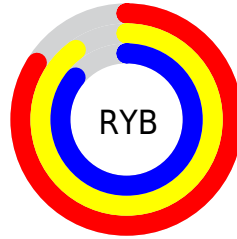
The Yxy color **77.4562, 0.3195, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8631, 0.3056, 0.3116**, and the grayscale version is **76.6179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7092, 0.3215, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **75.2327, 0.3293, 0.3723**, and if you desaturate by 10%, it is **79.9012, 0.3098, 0.3218**.

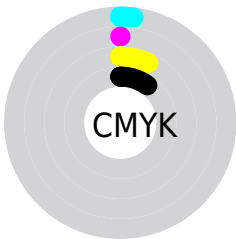
Distribution



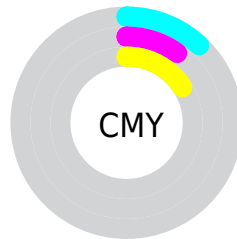
- Red (88%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.4562, 0.3195, 0.3462 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 77.4562, 0.3195, 0.3462 by changing the saturation by 10% instead.

■ 77.4562, 0.3195,
0.3462

■ 77.4562, 0.3195,
0.3462

486.3180, 0.3164,
0.3383

■ 57.6274, 0.3202,
0.3480

129.7833, 0.3184,
0.3434

■ 41.5091, 0.3210,
0.3502

163.0503, 0.3180,
0.3424

■ 28.7171, 0.3221,
0.3531

201.5655, 0.3177,
0.3415

■ 18.8669, 0.3234,
0.3568

245.7132, 0.3174,
0.3407

■ 11.5742, 0.3253,
0.3618

295.8780, 0.3171,
0.3399

■ 6.4544, 0.3278,
0.3691

352.4441, 0.3168,

■ 3.1233, 0.3317,

0.3393

0.3806

415.7960, 0.3166,
0.3388

■ 1.1965, 0.3395,
0.4028

■ 0.0588, 0.0000,
1.0000

■ 77.4562, 0.3195,
0.3462

■ 77.4562, 0.3195,
0.3462

■ 75.2327, 0.3293,
0.3723

■ 79.9012, 0.3098,
0.3218

■ 73.2132, 0.3390,
0.3996

■ 82.2389, 0.3035,
0.3041

■ 71.3929, 0.3481,
0.4274

■ 83.5206, 0.3082,
0.3044

■ 69.7633, 0.3561,
0.4548

■ 84.8529, 0.3130,
0.3048

■ 68.3150, 0.3626,
0.4807

■ 85.0787, 0.3138,
0.3049

■ 67.0376, 0.3670,
0.5037

■ 65.9197, 0.3690,
0.5228

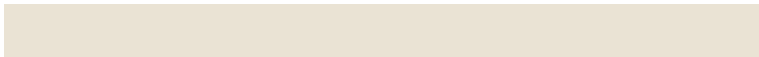
■ 64.9477, 0.3684,
0.5372

■ 64.1043, 0.3655,
0.5466

Harmonies

Analogous

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



77.4562, 0.3279, 0.3456



77.4562, 0.3195, 0.3462



77.4562, 0.3094, 0.3420

Triad

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



77.4562, 0.3195, 0.3462



77.4562, 0.2936, 0.3171



77.4562, 0.3252, 0.3238

Complementary

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



77.4562, 0.3195, 0.3462



68.8631, 0.3056, 0.3116

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.



77.4562, 0.3158, 0.3165



77.4562, 0.3195, 0.3462



77.4562, 0.2977, 0.3126

Square

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



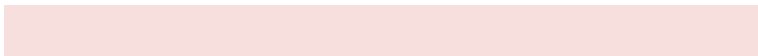
77.4562, 0.3195, 0.3462



77.4562, 0.2946, 0.3250



77.4562, 0.3057, 0.3124



77.4562, 0.3312, 0.3326

Rectangle

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



77.4562, 0.3195, 0.3462



77.4562, 0.3031, 0.3370



77.4562, 0.3057, 0.3124



77.4562, 0.3223, 0.3211

Sweetspot

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



77.4596, 0.3195, 0.3462



99.3742, 0.3147, 0.3339



72.2357, 0.3241, 0.3342



21.2767, 0.3146, 0.3336



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

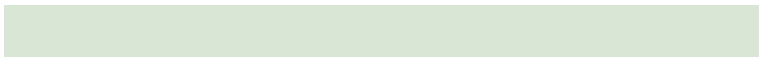
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4596, 0.3195, 0.3462



97.5634, 0.3206, 0.3489



76.2347, 0.3141, 0.3465



16.5790, 0.3219, 0.3526



36.2215, 0.3652, 0.5482



2.7255, 0.3733, 0.5418

Inverse Universe

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



68.8631, 0.3056, 0.3116



85.1067, 0.3044, 0.3088



70.1012, 0.3112, 0.3119



14.1050, 0.3029, 0.3050



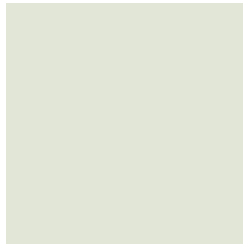
4.0724, 0.1721, 0.0722



0.3489, 0.1878, 0.0808

Previews

White Background



This preview shows how the Yxy color 77.4562, 0.3195, 0.3462 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 77.4562, 0.3195, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

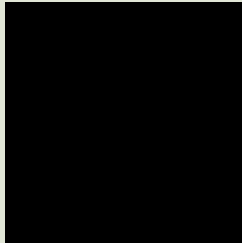
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

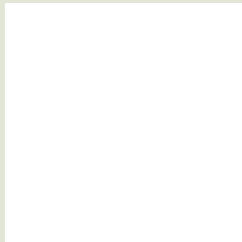
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.4562, 0.3195, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 77.4562, 0.3195, 0.3462.

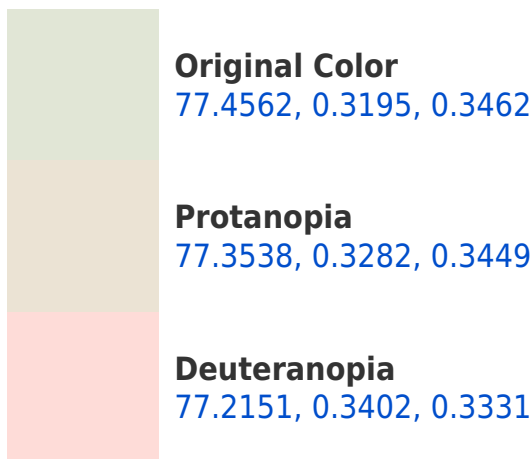


This preview shows how white text looks on a background with the Yxy color 77.4562, 0.3195, 0.3462.

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

77.5218, 0.3040, 0.3114

Trichromacy



Original Color

77.4562, 0.3195, 0.3462

Protanomaly

77.2798, 0.3246, 0.3450

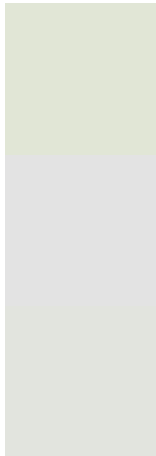
Deuteranomaly

77.2723, 0.3323, 0.3384

Tritanomaly

77.2583, 0.3102, 0.3237

Monochromacy



Original Color

77.4562, 0.3195, 0.3462

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9295, 0.3152, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4562, 0.3195, 0.3462 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(225, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(225, 230, 214)  
}
```

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(225, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 230, 214) }
```

Border

The CSS property to change the border of an element to Yxy 77.4562, 0.3195, 0.3462 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(225, 230, 214) }
```

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

```
.border{ border-color:rgb(225, 230, 214) }
```

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

Here you see how a box with a 4 pixel rgb(225, 230, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(225, 230,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4562, 0.3195, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 230, 214) }
```

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

```
.background{ background-color: rgb(225,  
230, 214) }
```

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