

Converting Colors

$Yxy(75.7579, 0.3263, 0.3707)$

Have a look what the booklet for
Yxy(75.7579, 0.3263, 0.3707)
contains.

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Color

Yxy(75.6458, 0.3260, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	D8E7C2
RGB	216, 231, 194
RGB Percent	85%, 91%, 76%
CMY	0.1529, 0.0941, 0.2393
CMYK	0.06, 0.00, 0.16, 0.09
HSL	84°, 44%, 83%
HSV	84°, 16%, 91%
XYZ	66.6321, 75.6458, 62.1150
YIQ	222.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

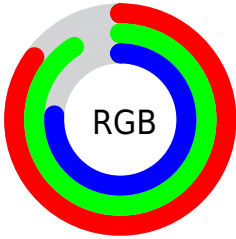
Format	Color
RYB	194, 231, 209
Decimal	14215106
CIELab	89.69, -11.41, 16.36
CIELCh	90, 19.944, 124.889
Yxy	75.6458, 0.3260, 0.3701
Android (android.graphics.Color)	4292405186 (0xFFD8E7C2)
YUV	222.2970, -13.9504, -5.5225
Hunter-Lab	86.9746, -15.4550, 18.5388

Details

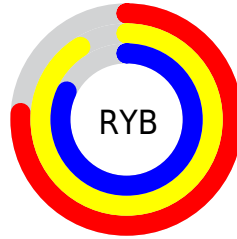
The Yxy color **75.6458, 0.3260, 0.3701** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.8961, 0.2977, 0.2873**, and the grayscale version is **73.3684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **40.1305, 0.3291, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **73.3057, 0.3341, 0.3979**, and if you desaturate by 10%, it is **78.2349, 0.3177, 0.3439**.

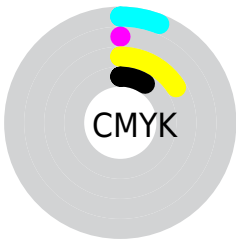
Distribution



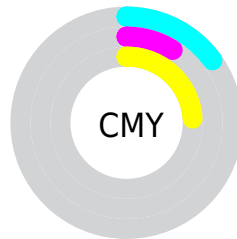
- Red (85%)
- Green (91%)
- Blue (76%)



- Red (76%)
- Yellow (91%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (15%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6458, 0.3260, 0.3701 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 75.6458, 0.3260, 0.3701 by changing the saturation by 10% instead.

■ 75.6458, 0.3260,
0.3701

■ 75.6458, 0.3260,
0.3701

480.1343, 0.3201,
0.3508

■ 56.1421, 0.3273,
0.3746

127.2261, 0.3240,
0.3634

■ 40.3169, 0.3288,
0.3801

160.0715, 0.3232,
0.3608

■ 27.7857, 0.3307,
0.3872

198.1329, 0.3225,
0.3585

■ 18.1642, 0.3331,
0.3965

241.7948, 0.3219,
0.3566

■ 11.0679, 0.3362,
0.4093

291.4415, 0.3214,
0.3549

■ 6.1125, 0.3401,
0.4280

347.4574, 0.3209,

■ 2.9136, 0.3452,

0.3534

410.2268, 0.3205,
0.3520

0.4576

1.0868, 0.4002,
0.5864

0.0000, 0.0000,
0.0000

75.6458, 0.3260,
0.3701

75.6458, 0.3260,
0.3701

73.3057, 0.3341,
0.3979

78.2349, 0.3177,
0.3439

71.1961, 0.3416,
0.4267

81.0716, 0.3095,
0.3196

69.3108, 0.3482,
0.4555

83.6218, 0.3065,
0.3053

67.6397, 0.3532,
0.4831

85.3390, 0.3128,
0.3058

■ 66.1717, 0.3563,
0.5083

■ 85.6347, 0.3138,
0.3058

■ 64.8943, 0.3571,
0.5296

■ 63.7933, 0.3554,
0.5461

■ 62.8513, 0.3514,
0.5572

■ 62.5104, 0.3495,
0.5607

Harmonies

Analogous

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



75.6458, 0.3468, 0.3690



75.6458, 0.3260, 0.3701



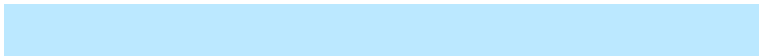
75.6458, 0.3022, 0.3589

Triad

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



75.6458, 0.3260, 0.3701



75.6458, 0.2687, 0.2990



75.6458, 0.3442, 0.3186

Complementary

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



75.6458, 0.3260, 0.3701



57.8961, 0.2977, 0.2873

Split Complementary

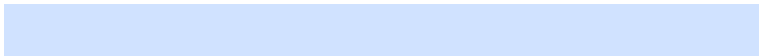
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.6458, 0.3221, 0.3016



75.6458, 0.3260, 0.3701



75.6458, 0.2789, 0.2902

Square

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



75.6458, 0.3260, 0.3701



75.6458, 0.2697, 0.3166



75.6458, 0.2982, 0.2913



75.6458, 0.3577, 0.3386

Rectangle

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



75.6458, 0.3260, 0.3701



75.6458, 0.2878, 0.3462



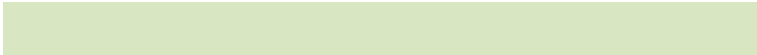
75.6458, 0.2982, 0.2913



75.6458, 0.3375, 0.3124

Sweetspot

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



75.6491, 0.3260, 0.3701



98.2395, 0.3169, 0.3414



66.3818, 0.3405, 0.3454



20.9757, 0.3175, 0.3431



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.



75.6491, 0.3260, 0.3701



93.7293, 0.3285, 0.3785



73.0115, 0.3132, 0.3717



16.5109, 0.3205, 0.3527



35.1167, 0.3506, 0.5599



2.6489, 0.3604, 0.5520

Inverse Universe

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



57.8961, 0.2977, 0.2873



67.8248, 0.2944, 0.2786



60.7244, 0.3117, 0.2890



14.1707, 0.3043, 0.3052



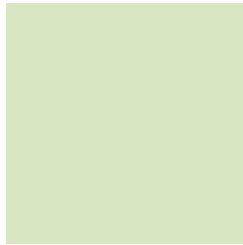
4.6237, 0.1855, 0.0796



0.3947, 0.2019, 0.0886

Previews

White Background



This preview shows how the Yxy color 75.6458, 0.3260, 0.3701 looks on a white background.

Color Contrast Check

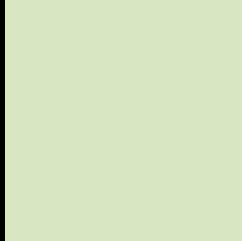
Large Text (above 18pt) WCAG AA × Fail

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 75.6458, 0.3260, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

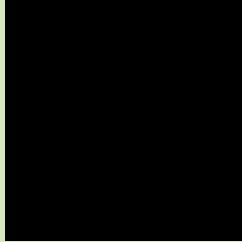
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

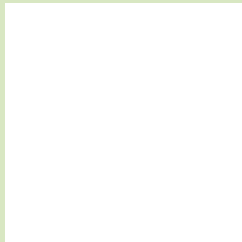
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6458, 0.3260, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 75.6458, 0.3260, 0.3701.

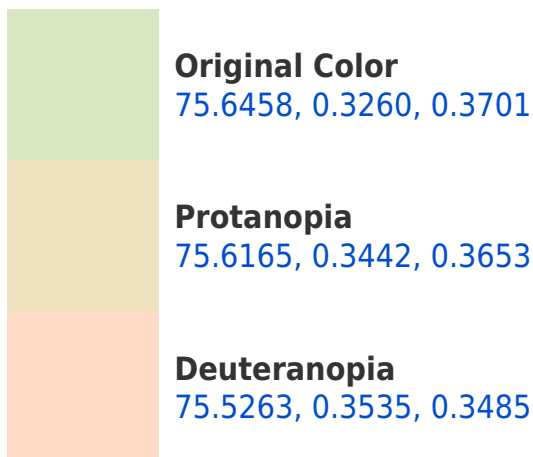


This preview shows how white text looks on a background with the Yxy color 75.6458, 0.3260, 0.3701.

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

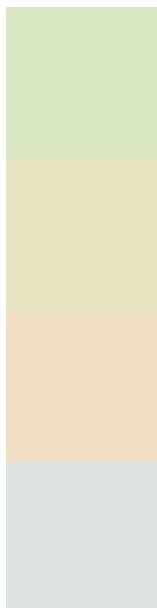




Tritanopia

75.4101, 0.3006, 0.3100

Trichromacy



Original Color

75.6458, 0.3260, 0.3701

Protanomaly

75.4020, 0.3373, 0.3670

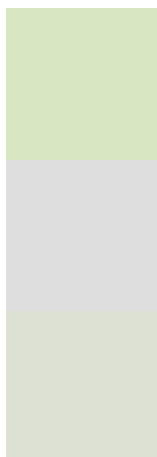
Deuteranomaly

75.5073, 0.3434, 0.3565

Tritanomaly

75.5901, 0.3092, 0.3311

Monochromacy



Original Color

75.6458, 0.3260, 0.3701

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.8195, 0.3177, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6458, 0.3260, 0.3701 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(216, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 231, 194)  
}
```

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(216, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 231, 194) }
```

Border

The CSS property to change the border of an element to Yxy 75.6458, 0.3260, 0.3701 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(216, 231, 194) }
```

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

```
.border{ border-color:rgb(216, 231, 194) }
```

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

Here you see how a box with a 4 pixel rgb(216, 231, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 231, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 231, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 231,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6458, 0.3260, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 231, 194) }
```

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

```
.background{ background-color: rgb(216,  
231, 194) }
```

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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