

Converting Colors

$Yxy(75.1859, 0.3207, 0.3325)$

Have a look what the booklet for
Yxy(75.1859, 0.3207, 0.3325)
contains.

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Color

Yxy(75.0985, 0.3211, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	E8DFDC
RGB	232, 223, 220
RGB Percent	91%, 87%, 86%
CMY	0.0901, 0.1255, 0.1373
CMYK	0.00, 0.04, 0.05, 0.09
HSL	15°, 21%, 89%
HSV	15°, 5%, 91%
XYZ	72.5892, 75.0985, 78.3764
YIQ	225.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

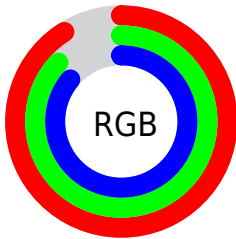
Format	Color
R _Y B	232, 224, 220
Decimal	15261660
CIE Lab	89.44, 2.55, 2.55
CIE LCh	89, 3.609, 44.952
Yxy	75.0985, 0.3211, 0.3322
Android (android.graphics.Color)	4293451740 (0xFFE8DFDC)
YUV	225.3490, -2.6371, 5.8329
Hunter-Lab	86.6594, -2.1356, 7.0386

Details

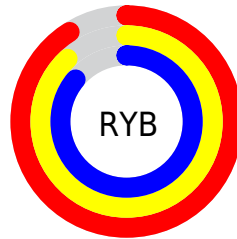
The Yxy color **75.0985, 0.3211, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.0919, 0.3047, 0.3258**, and the grayscale version is **75.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9520, 0.3227, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **65.1273, 0.3397, 0.3387**, and if you desaturate by 10%, it is **86.2033, 0.3056, 0.3261**.

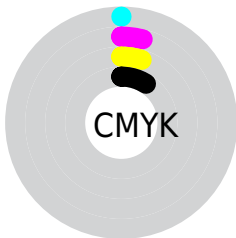
Distribution



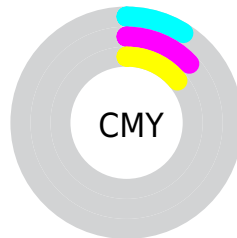
- Red (91%)
- Green (87%)
- Blue (86%)



- Red (91%)
- Yellow (88%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (5%)
- Black (9%)




- Cyan (9%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0985, 0.3211, 0.3322 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 75.0985, 0.3211, 0.3322 by changing the saturation by 10% instead.

 75.0985, 0.3211,
0.3322

 75.0985, 0.3211,
0.3322


478.2561, 0.3172,
0.3307

 55.6936, 0.3220,
0.3325


126.4518, 0.3198,
0.3317

 39.9573, 0.3231,
0.3329


159.1689, 0.3192,
0.3315

 27.5053, 0.3244,
0.3334


197.0923, 0.3188,
0.3313

 17.9531, 0.3263,
0.3341


240.6063, 0.3184,
0.3312

 10.9163, 0.3287,
0.3350

290.0952, 0.3181,
0.3311

 6.0106, 0.3323,
0.3362

345.9436, 0.3178,

 2.8515, 0.3378,

0.3309

0.3382

408.5357, 0.3175,
0.3308

1.0547, 0.3478,
0.3415

0.0000, 1.0000,
0.0000

75.0985, 0.3211,
0.3322

75.0985, 0.3211,
0.3322

65.1273, 0.3397,
0.3387

86.2033, 0.3056,
0.3261

56.2441, 0.3620,
0.3456

95.8995, 0.2988,
0.3290

48.4146, 0.3885,
0.3526

41.5990, 0.4195,
0.3593

■ 35.7549, 0.4550,
0.3649

■ 30.8368, 0.4937,
0.3686

■ 26.7953, 0.5333,
0.3692

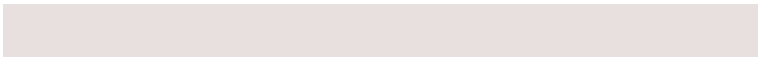
■ 23.5762, 0.5698,
0.3657

■ 21.1183, 0.5989,
0.3581

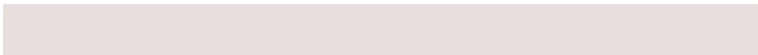
Harmonies

Analogous

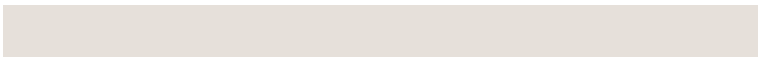
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.0985, 0.3194, 0.3284



75.0985, 0.3211, 0.3322



75.0985, 0.3205, 0.3351

Triad

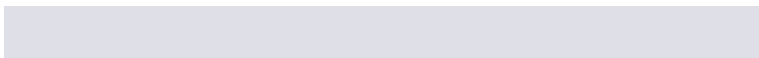
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0985, 0.3211, 0.3322



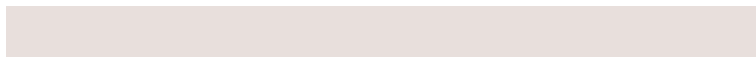
75.0985, 0.3095, 0.3332



75.0985, 0.3076, 0.3216

Complementary

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



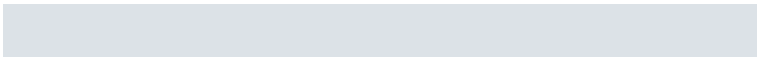
75.0985, 0.3211, 0.3322



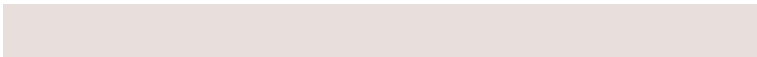
77.0919, 0.3047, 0.3258

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.



75.0985, 0.3050, 0.3229



75.0985, 0.3211, 0.3322



75.0985, 0.3061, 0.3296

Square

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



75.0985, 0.3211, 0.3322



75.0985, 0.3138, 0.3358



75.0985, 0.3044, 0.3258



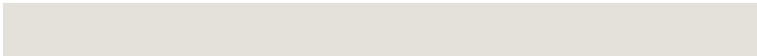
75.0985, 0.3116, 0.3224

Rectangle

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



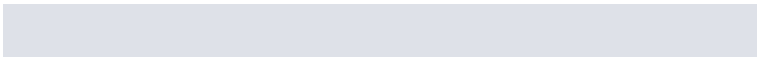
75.0985, 0.3211, 0.3322



75.0985, 0.3189, 0.3362



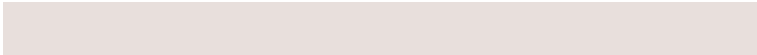
75.0985, 0.3044, 0.3258



75.0985, 0.3065, 0.3218

Sweetspot

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



75.1018, 0.3211, 0.3322



97.2587, 0.3159, 0.3302



74.0135, 0.3152, 0.3193



20.8461, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



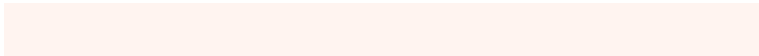
21.4041, 0.3127, 0.3290

Same Dimension

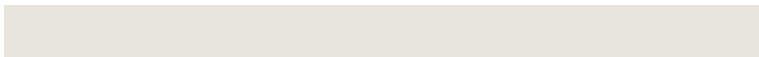
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1018, 0.3211, 0.3322



91.9466, 0.3225, 0.3327



78.2631, 0.3206, 0.3383



15.5618, 0.3236, 0.3331



11.3685, 0.6073, 0.3560



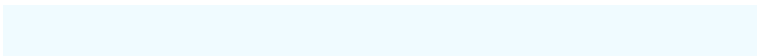
0.9849, 0.5788, 0.3786

Inverse Universe

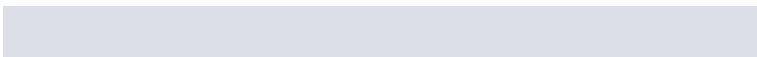
The Inverse Universe completely reimagines the original color for something new.



77.0919, 0.3047, 0.3258



94.7994, 0.3034, 0.3252



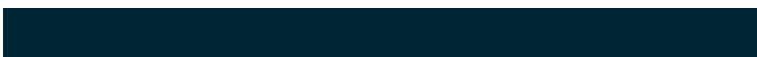
73.9268, 0.3048, 0.3195



16.0936, 0.3025, 0.3249



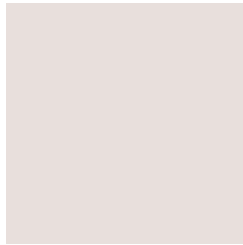
20.2647, 0.2018, 0.2463



1.6423, 0.2055, 0.2598

Previews

White Background



This preview shows how the Yxy color 75.0985, 0.3211, 0.3322 looks on a white background.

Color Contrast Check

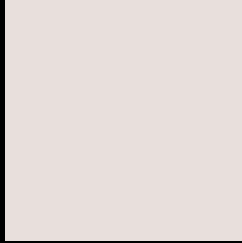
Large Text (above 18pt) WCAG AA × Fail

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 75.0985, 0.3211, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

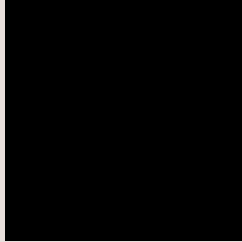
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

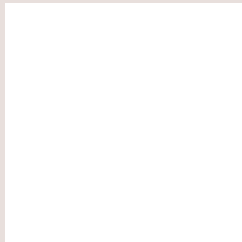
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0985, 0.3211, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 75.0985, 0.3211, 0.3322.

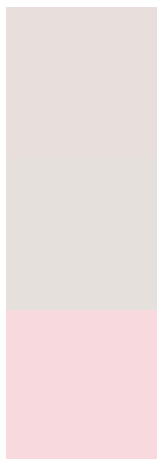


This preview shows how white text looks on a background with the Yxy color 75.0985, 0.3211, 0.3322.

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

75.0985, 0.3211, 0.3322

Protanopia

75.3016, 0.3196, 0.3333

Deuteranopia

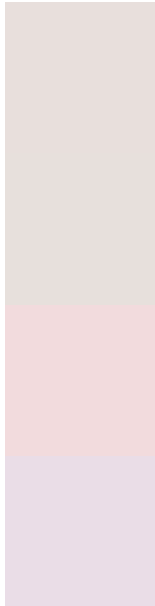
74.8026, 0.3327, 0.3250



Tritanopia

75.0216, 0.3115, 0.3104

Trichromacy



Original Color

75.0985, 0.3211, 0.3322

Protanomaly

75.4675, 0.3203, 0.3333

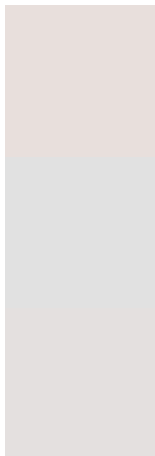
Deuteranomaly

74.7607, 0.3280, 0.3270

Tritanomaly

74.9748, 0.3153, 0.3186

Monochromacy



Original Color

75.0985, 0.3211, 0.3322

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1330, 0.3162, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0985, 0.3211, 0.3322 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(232, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 220)  
}
```

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(232, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 220) }
```

Border

The CSS property to change the border of an element to Yxy 75.0985, 0.3211, 0.3322 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(232, 223, 220) }
```

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

```
.border{ border-color:rgb(232, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0985, 0.3211, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 220) }
```

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

```
.background{ background-color: rgb(232,  
223, 220) }
```

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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