

Converting Colors

$Yxy(75.9723, 0.3234, 0.3461)$

Have a look what the booklet for
Yxy(75.9723, 0.3234, 0.3461)
contains.

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Color

Yxy(75.9722, 0.3231, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	E3E3D3
RGB	227, 227, 211
RGB Percent	89%, 89%, 83%
CMY	0.1099, 0.1098, 0.1724
CMYK	0.00, 0.00, 0.07, 0.11
HSL	60°, 22%, 86%
HSV	60°, 7%, 89%
XYZ	70.9030, 75.9722, 72.5708
YIQ	225.1760, 5.1360, -4.9760

Conversions

Conversions Part 2

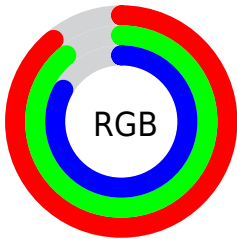
Format	Color
R _Y B	211, 227, 211
Decimal	14934995
CIE Lab	89.85, -2.77, 7.79
CIE LCh	90, 8.269, 109.556
Yxy	75.9722, 0.3231, 0.3462
Android (android.graphics.Color)	4293125075 (0xFFE3E3D3)
YUV	225.1760, -6.9888, 1.5996
Hunter-Lab	87.1620, -7.3306, 11.6488

Details

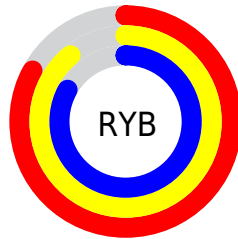
The Yxy color **75.9722, 0.3231, 0.3462** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0048, 0.3020, 0.3112**, and the grayscale version is **75.4777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6760, 0.3263, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **74.9092, 0.3382, 0.3713**, and if you desaturate by 10%, it is **77.2027, 0.3084, 0.3219**.

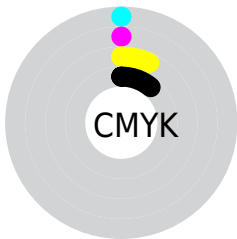
Distribution



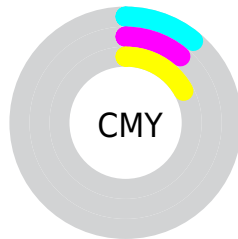
- Red (89%)
- Green (89%)
- Blue (83%)



- Red (83%)
- Yellow (89%)
- Blue (83%)



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



- Cyan (11%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9722, 0.3231, 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 75.9722, 0.3231, 0.3462 by changing the saturation by 10% instead.

■ 75.9722, 0.3231,
0.3462

■ 75.9722, 0.3231,
0.3462

481.2525, 0.3184,
0.3383

■ 56.4097, 0.3242,
0.3480

127.6876, 0.3215,
0.3434

■ 40.5315, 0.3255,
0.3503

160.6093, 0.3208,
0.3424

■ 27.9532, 0.3272,
0.3531

198.7529, 0.3203,
0.3415

■ 18.2904, 0.3293,
0.3568

242.5027, 0.3198,
0.3406

■ 11.1587, 0.3322,
0.3619

292.2432, 0.3194,
0.3399

■ 6.1737, 0.3364,
0.3692

348.3587, 0.3190,

■ 2.9510, 0.3427,

0.3393

0.3807

411.2337, 0.3187,
0.3388

■ 1.1062, 0.3580,
0.4062

■ 0.0000, 0.0000,
0.0000

■ 75.9722, 0.3231,
0.3462

■ 75.9722, 0.3231,
0.3462

■ 74.9092, 0.3382,
0.3713

■ 77.2027, 0.3084,
0.3219

■ 73.9969, 0.3534,
0.3964


■ 78.5046, 0.2954,
0.3003


■ 73.2316, 0.3681,
0.4209

■ 78.5114, 0.2954,
0.3003

■ 72.6055, 0.3819,
0.4436


■ 78.5182, 0.2954,
0.3003


 72.1101, 0.3940,
0.4637

 78.5250, 0.2955,
0.3003

 71.7360, 0.4039,
0.4803


 78.5317, 0.2955,
0.3003


 71.4727, 0.4114,
0.4927

 78.5385, 0.2955,
0.3003

 71.3077, 0.4162,
0.5007

 78.5453, 0.2956,
0.3003

 71.2249, 0.4185,
0.5047

 78.5521, 0.2956,
0.3003

Harmonies

Analogous

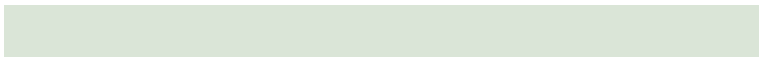
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9722, 0.3299, 0.3437



75.9722, 0.3231, 0.3462



75.9722, 0.3136, 0.3440

Triad

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



75.9722, 0.3231, 0.3462



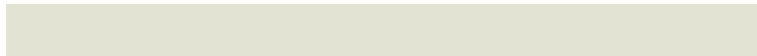
75.9722, 0.2938, 0.3202



75.9722, 0.3214, 0.3207

Complementary

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



75.9722, 0.3231, 0.3462



66.0048, 0.3020, 0.3112

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.



75.9722, 0.3116, 0.3147



75.9722, 0.3231, 0.3462



75.9722, 0.2958, 0.3143

Square

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



75.9722, 0.3231, 0.3462



75.9722, 0.2967, 0.3288



75.9722, 0.3023, 0.3123



75.9722, 0.3289, 0.3289

Rectangle

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



75.9722, 0.3231, 0.3462



75.9722, 0.3070, 0.3400



75.9722, 0.3023, 0.3123



75.9722, 0.3183, 0.3184

Sweetspot

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



75.9755, 0.3231, 0.3462



99.6741, 0.3157, 0.3339



67.6381, 0.3247, 0.3290



21.3378, 0.3155, 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.



75.9755, 0.3231, 0.3462



98.7480, 0.3246, 0.3487



74.7106, 0.3175, 0.3465



16.8158, 0.3267, 0.3522



41.5255, 0.4190, 0.5055



3.0690, 0.4191, 0.5055

Inverse Universe

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



66.0048, 0.3020, 0.3112



84.0084, 0.3003, 0.3085



67.2106, 0.3077, 0.3115



13.8885, 0.2980, 0.3047



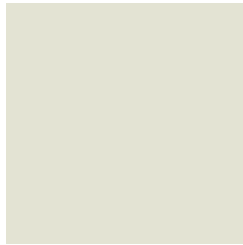
3.2366, 0.1501, 0.0600



0.2396, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 75.9722, 0.3231, 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 75.9722, 0.3231, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

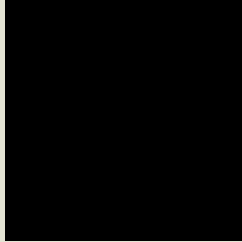
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

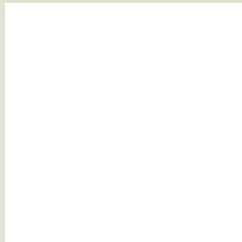
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9722, 0.3231, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 75.9722, 0.3231, 0.3462.

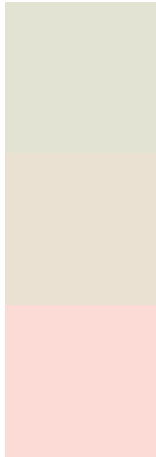


This preview shows how white text looks on a background with the Yxy color 75.9722, 0.3231, 0.3462.

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



Original Color

75.9722, 0.3231, 0.3462

Protanopia

75.9960, 0.3290, 0.3450

Deuteranopia

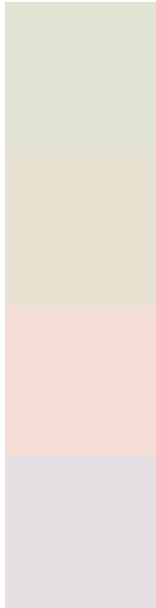
75.6424, 0.3412, 0.3342



Tritanopia

76.0555, 0.3073, 0.3113

Trichromacy



Original Color

75.9722, 0.3231, 0.3462

Protanomaly

76.0348, 0.3268, 0.3461

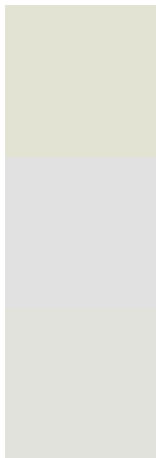
Deuteranomaly

75.5211, 0.3348, 0.3384

Tritanomaly

75.7914, 0.3137, 0.3237

Monochromacy



Original Color

75.9722, 0.3231, 0.3462

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7288, 0.3166, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9722, 0.3231, 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(227, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 211)  
}
```

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(227, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 211) }
```

Border

The CSS property to change the border of an element to Yxy 75.9722, 0.3231, 0.3462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

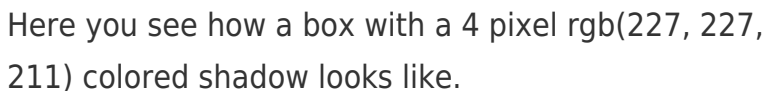
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 227, 211) }
```

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

```
.border{ border-color:rgb(227, 227, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 227, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 227, 211); box-shadow:4px 4px 4px 4px rgb(227, 227, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9722, 0.3231, 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(227, 227, 211) }
```

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

```
.background{ background-color: rgb(227,  
227, 211) }
```

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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