

Converting Colors

$Yxy(77.6980, 0.3303, 0.3460)$

Have a look what the booklet for
Yxy(77.6980, 0.3303, 0.3460)
contains.

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Color

Yxy(77.6458, 0.3303, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	EDE3D3
RGB	237, 227, 211
RGB Percent	93%, 89%, 83%
CMY	0.0707, 0.1097, 0.1727
CMYK	0.00, 0.04, 0.11, 0.07
HSL	37°, 42%, 88%
HSV	37°, 11%, 93%
XYZ	74.1440, 77.6458, 72.6849
YIQ	228.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

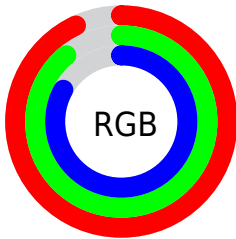
Format	Color
R _Y B	227, 237, 211
Decimal	15590355
CIE Lab	90.62, 0.71, 9.03
CIE LCh	91, 9.059, 85.486
Yxy	77.6458, 0.3303, 0.3459
Android (android.graphics.Color)	4293780435 (0xFFE3D3D3)
YUV	228.1660, -8.4628, 7.7474
Hunter-Lab	88.1169, -4.0096, 12.7753

Details

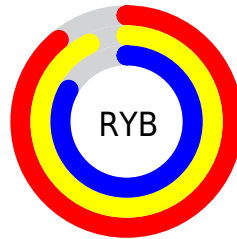
The Yxy color **77.6458, 0.3303, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6363, 0.2956, 0.3115**, and the grayscale version is **77.7669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7291, 0.3347, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **71.7097, 0.3483, 0.3621**, and if you desaturate by 10%, it is **84.0259, 0.3142, 0.3305**.

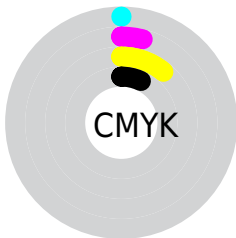
Distribution



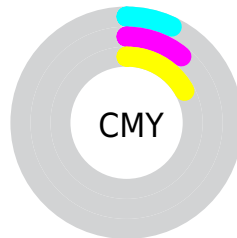
- Red (93%)
- Green (89%)
- Blue (83%)



- Red (89%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.6458, 0.3303, 0.3459 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 77.6458, 0.3303, 0.3459 by changing the saturation by 10% instead.

■ 77.6458, 0.3303,
0.3459

■ 77.6458, 0.3303,
0.3459

486.9631, 0.3222,
0.3382

■ 57.7831, 0.3321,
0.3476

130.0507, 0.3275,
0.3432

■ 41.6343, 0.3344,
0.3498

163.3616, 0.3264,
0.3422

■ 28.8150, 0.3372,
0.3525

201.9241, 0.3255,
0.3413

■ 18.9409, 0.3409,
0.3560

246.1225, 0.3247,
0.3405

■ 11.6276, 0.3458,
0.3607

296.3412, 0.3240,
0.3398

■ 6.4906, 0.3529,
0.3674

352.9646, 0.3233,

■ 3.1457, 0.3637,

0.3392

0.3776

416.3771, 0.3228,
0.3387

■ 1.2082, 0.3865,
0.3992

■ 0.0684, 0.5465,
0.4535

■ 77.6458, 0.3303,
0.3459

■ 77.6458, 0.3303,
0.3459

■ 71.7097, 0.3483,
0.3621

■ 84.0259, 0.3142,
0.3305

■ 66.1958, 0.3680,
0.3786

■ 90.6324, 0.3018,
0.3192

■ 61.0951, 0.3894,
0.3949

■ 96.2674, 0.3017,
0.3282

■ 56.3946, 0.4119,
0.4101

■ 96.7415, 0.3017,
0.3290

■ 52.0803, 0.4349,
0.4232

■ 48.1368, 0.4573,
0.4329

■ 44.5471, 0.4778,
0.4382

■ 41.2915, 0.4955,
0.4383

■ 38.6148, 0.5087,
0.4343

Harmonies

Analogous

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



77.6458, 0.3338, 0.3397



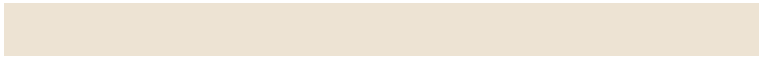
77.6458, 0.3303, 0.3459



77.6458, 0.3221, 0.3477

Triad

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



77.6458, 0.3303, 0.3459



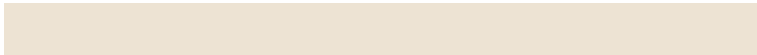
77.6458, 0.2943, 0.3268



77.6458, 0.3137, 0.3145

Complementary

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



77.6458, 0.3303, 0.3459



71.6363, 0.2956, 0.3115

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.



77.6458, 0.3032, 0.3110



77.6458, 0.3303, 0.3459



77.6458, 0.2921, 0.3179

Square

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



77.6458, 0.3303, 0.3459



77.6458, 0.3013, 0.3365



77.6458, 0.2953, 0.3122



77.6458, 0.3241, 0.3216

Rectangle

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



77.6458, 0.3303, 0.3459



77.6458, 0.3151, 0.3459



77.6458, 0.2953, 0.3122



77.6458, 0.3100, 0.3128

Sweetspot

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



77.6492, 0.3303, 0.3459



97.6611, 0.3173, 0.3335



69.7912, 0.3252, 0.3185



20.7714, 0.3186, 0.3348



0.0000, 0.0000, 0.0000



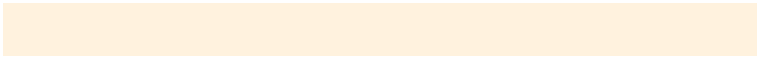
21.4041, 0.3127, 0.3290

Same Dimension

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



77.6492, 0.3303, 0.3459



90.2078, 0.3339, 0.3492



82.7433, 0.3270, 0.3562



16.6013, 0.3277, 0.3435



21.3474, 0.5068, 0.4358



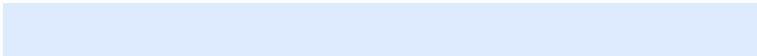
1.8613, 0.4915, 0.4480

Inverse Universe

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



71.6363, 0.2956, 0.3115



81.8862, 0.2922, 0.3079



66.9824, 0.2976, 0.3006



15.4951, 0.2980, 0.3141



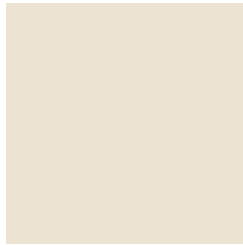
7.6403, 0.1671, 0.1217



0.7809, 0.1748, 0.1492

Previews

White Background



This preview shows how the Yxy color 77.6458, 0.3303, 0.3459 looks on a white background.

Color Contrast Check

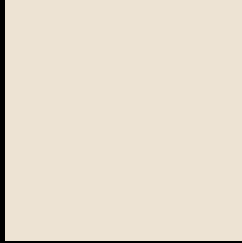
Large Text (above 18pt) WCAG AA × Fail

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 77.6458, 0.3303, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

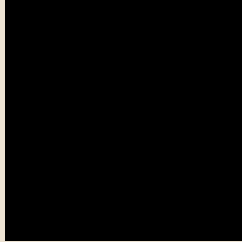
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

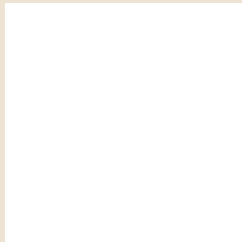
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.6458, 0.3303, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 77.6458, 0.3303, 0.3459.

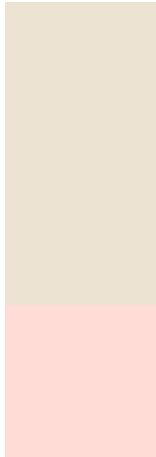


This preview shows how white text looks on a background with the Yxy color 77.6458, 0.3303, 0.3459.

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

77.6458, 0.3303, 0.3459

Protanopia

77.4742, 0.3296, 0.3459

Deuteranopia

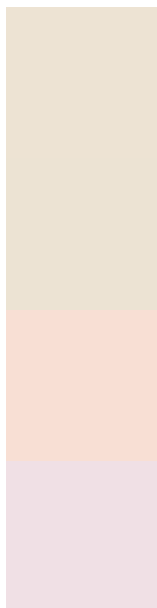
77.2505, 0.3431, 0.3362



Tritanopia

77.7674, 0.3142, 0.3117

Trichromacy



Original Color

77.6458, 0.3303, 0.3459

Protanomaly

77.4742, 0.3296, 0.3459

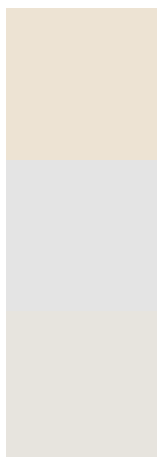
Deuteranomaly

77.4853, 0.3382, 0.3404

Tritanomaly

77.4937, 0.3207, 0.3239

Monochromacy



Original Color

77.6458, 0.3303, 0.3459

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7497, 0.3187, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6458, 0.3303, 0.3459 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(237, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 227, 211) }
```

Border

The CSS property to change the border of an element to Yxy 77.6458, 0.3303, 0.3459 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(237, 227, 211) }
```

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

```
.border{ border-color:rgb(237, 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(237, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(237, 227,  
211) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.6458, 0.3303, 0.3459$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 227, 211) }
```

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

```
.background{ background-color: rgb(237,  
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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