

Converting Colors

$Yxy(77.8671, 0.3265, 0.3356)$

Have a look what the booklet for
Yxy(77.8671, 0.3265, 0.3356)
contains.

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Color

Yxy(77.9107, 0.3258, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2DC
RGB	239, 226, 220
RGB Percent	94%, 89%, 86%
CMY	0.0628, 0.1137, 0.1373
CMYK	0.00, 0.05, 0.08, 0.06
HSL	19°, 37%, 90%
HSV	19°, 8%, 94%
XYZ	75.7033, 77.9107, 78.7472
YIQ	229.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

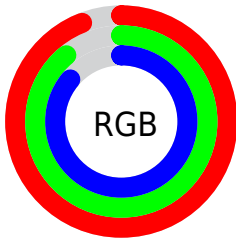
Format	Color
R _Y B	239, 229, 220
Decimal	15721180
CIE Lab	90.74, 3.40, 4.51
CIE LCh	91, 5.645, 53.024
Yxy	77.9107, 0.3258, 0.3353
Android (android.graphics.Color)	4293911260 (0xFFEFE2DC)
YUV	229.2030, -4.5371, 8.5920
Hunter-Lab	88.2670, -1.3747, 8.8915

Details

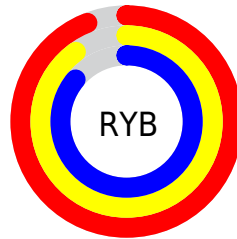
The Yxy color **77.9107, 0.3258, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6916, 0.3004, 0.3226**, and the grayscale version is **78.5398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9097, 0.3288, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **68.2839, 0.3450, 0.3437**, and if you desaturate by 10%, it is **88.5692, 0.3096, 0.3274**.

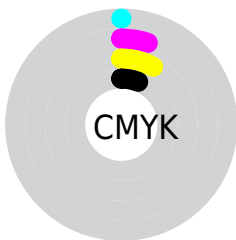
Distribution



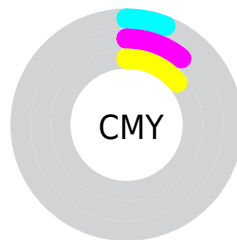
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.9107, 0.3258, 0.3353 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 77.9107, 0.3258, 0.3353 by changing the saturation by 10% instead.

77.9107, 0.3258,
0.3353

77.9107, 0.3258,
0.3353

487.8635, 0.3198,
0.3325

58.0006, 0.3272,
0.3359

130.4242, 0.3237,
0.3343

41.8092, 0.3288,
0.3367

163.7965, 0.3229,
0.3339

28.9519, 0.3309,
0.3377

202.4249, 0.3222,
0.3336

19.0444, 0.3337,
0.3389

246.6939, 0.3216,
0.3333

11.7024, 0.3374,
0.3406

296.9879, 0.3211,
0.3331

6.5414, 0.3428,
0.3430

353.6912, 0.3206,

3.1770, 0.3511,

0.3328

0.3466

417.1883, 0.3202,
0.3326

■ 1.2248, 0.3656,
0.3525

■ 0.0818, 0.6625,
0.3375

■ 77.9107, 0.3258,
0.3353

■ 77.9107, 0.3258,
0.3353

■ 68.2839, 0.3450,
0.3437

■ 88.5692, 0.3096,
0.3274

■ 59.6474, 0.3676,
0.3525

■ 97.0866, 0.3029,
0.3290

■ 51.9720, 0.3941,
0.3613

■ 45.2231, 0.4246,
0.3696

■ 39.3641, 0.4586,
0.3764

■ 34.3557, 0.4949,
0.3807

■ 30.1552, 0.5310,
0.3812

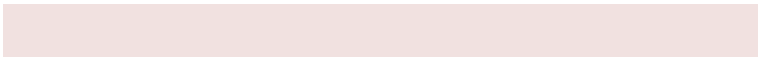
■ 26.7156, 0.5637,
0.3770

■ 23.9819, 0.5898,
0.3681

Harmonies

Analogous

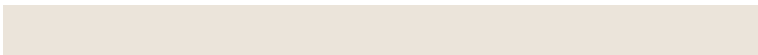
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9107, 0.3241, 0.3297



77.9107, 0.3258, 0.3353



77.9107, 0.3240, 0.3393

Triad

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



77.9107, 0.3258, 0.3353



77.9107, 0.3061, 0.3341



77.9107, 0.3063, 0.3177

Complementary

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



77.9107, 0.3258, 0.3353



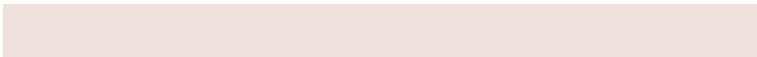
79.6916, 0.3004, 0.3226

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.



77.9107, 0.3016, 0.3187



77.9107, 0.3258, 0.3353



77.9107, 0.3015, 0.3282

Square

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



77.9107, 0.3258, 0.3353



77.9107, 0.3126, 0.3387



77.9107, 0.2998, 0.3225



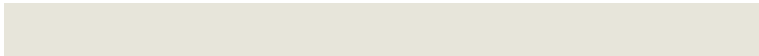
77.9107, 0.3128, 0.3196

Rectangle

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



77.9107, 0.3258, 0.3353



77.9107, 0.3210, 0.3405



77.9107, 0.2998, 0.3225



77.9107, 0.3045, 0.3177

Sweetspot

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



77.9141, 0.3258, 0.3353



97.4751, 0.3159, 0.3306



75.4064, 0.3176, 0.3156



20.8902, 0.3157, 0.3305



0.0000, 0.0000, 0.0000



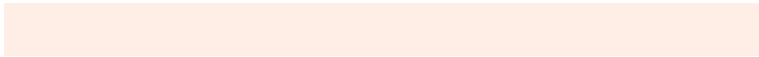
21.4041, 0.3127, 0.3290

Same Dimension

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



77.9141, 0.3258, 0.3353



87.8594, 0.3295, 0.3370



83.2135, 0.3249, 0.3450



16.5779, 0.3285, 0.3366



13.1969, 0.5917, 0.3684



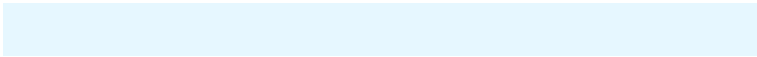
1.2702, 0.5661, 0.3887

Inverse Universe

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



79.6916, 0.3004, 0.3226



90.4230, 0.2972, 0.3208



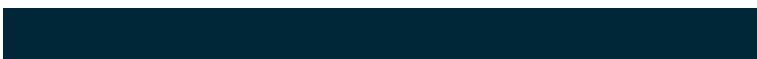
74.4693, 0.3004, 0.3125



17.0332, 0.2981, 0.3213



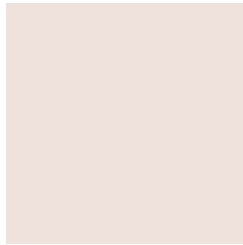
18.1887, 0.1950, 0.2219



1.6912, 0.1994, 0.2377

Previews

White Background



This preview shows how the Yxy color 77.9107, 0.3258, 0.3353 looks on a white background.

Color Contrast Check

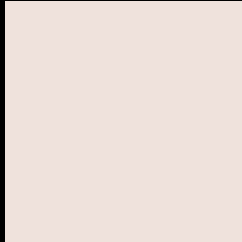
Large Text (above 18pt) WCAG AA × Fail

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 77.9107, 0.3258, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

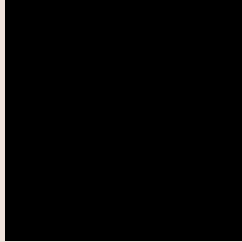
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

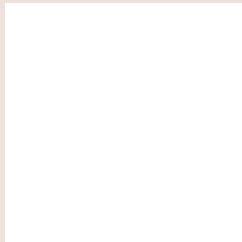
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9107, 0.3258, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 77.9107, 0.3258, 0.3353.

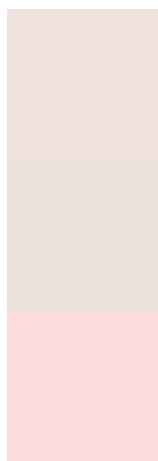


This preview shows how white text looks on a background with the Yxy color 77.9107, 0.3258, 0.3353.

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

77.9107, 0.3258, 0.3353

Protanopia

77.6511, 0.3215, 0.3353

Deuteranopia

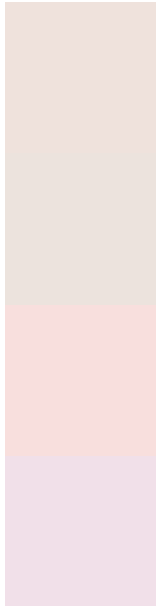
77.8160, 0.3358, 0.3291



Tritanopia

77.9439, 0.3149, 0.3118

Trichromacy



Original Color

77.9107, 0.3258, 0.3353

Protanomaly

77.9915, 0.3229, 0.3353

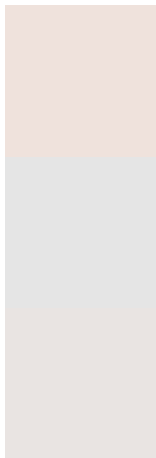
Deuteranomaly

77.9523, 0.3319, 0.3311

Tritanomaly

77.8953, 0.3188, 0.3198

Monochromacy



Original Color

77.9107, 0.3258, 0.3353

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.3014, 0.3175, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9107, 0.3258, 0.3353 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(239, 226, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 220) }
```

Border

The CSS property to change the border of an element to Yxy 77.9107, 0.3258, 0.3353 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(239, 226, 220) }
```

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

```
.border{ border-color:rgb(239, 226, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9107, 0.3258, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 220) }
```

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

```
.background{ background-color: rgb(239,  
226, 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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