

Converting Colors

$Yxy(77.4061, 0.3250, 0.3385)$

Have a look what the booklet for
Yxy(77.4061, 0.3250, 0.3385)
contains.

Yxy(77.2353, 0.3257, 0.3385)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.2353, 0.3257, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	ECE2D9
RGB	236, 226, 217
RGB Percent	93%, 89%, 85%
CMY	0.0744, 0.1137, 0.1491
CMYK	0.00, 0.04, 0.08, 0.07
HSL	28°, 33%, 89%
HSV	28°, 8%, 93%
XYZ	74.3147, 77.2353, 76.6192
YIQ	227.9640, 8.8490, -0.6790

Conversions

Conversions Part 2

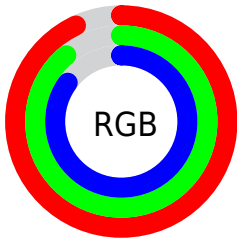
Format	Color
R _Y B	236, 234, 217
Decimal	15524569
CIE Lab	90.43, 1.88, 5.61
CIE LCh	90, 5.914, 71.492
Yxy	77.2353, 0.3257, 0.3385
Android (android.graphics.Color)	4293714649 (0xFFECE2D9)
YUV	227.9640, -5.4053, 7.0476
Hunter-Lab	87.8836, -2.8560, 9.8280

Details

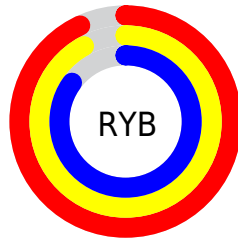
The Yxy color **77.2353, 0.3257, 0.3385** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.7400, 0.3003, 0.3193**, and the grayscale version is **77.5935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4378, 0.3287, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **69.5875, 0.3440, 0.3509**, and if you desaturate by 10%, it is **85.5544, 0.3098, 0.3268**.

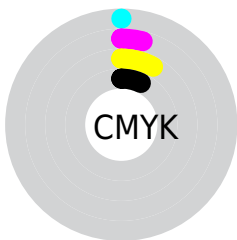
Distribution



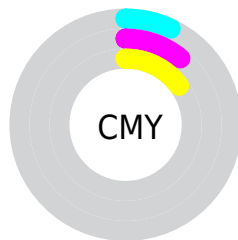
- Red (93%)
- Green (89%)
- Blue (85%)



- Red (93%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.2353, 0.3257, 0.3385 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 77.2353, 0.3257, 0.3385 by changing the saturation by 10% instead.

77.2353, 0.3257,
0.3385

77.2353, 0.3257,
0.3385

485.5659, 0.3197,
0.3342

57.4460, 0.3271,
0.3395

129.4716, 0.3236,
0.3370

41.3634, 0.3287,
0.3407

162.6874, 0.3228,
0.3364

28.6032, 0.3308,
0.3422

201.1474, 0.3221,
0.3359

18.7808, 0.3336,
0.3441

245.2362, 0.3215,
0.3355

11.5120, 0.3373,
0.3468

295.3380, 0.3210,
0.3351

6.4123, 0.3426,
0.3505

351.8373, 0.3205,

3.0974, 0.3508,

0.3348

0.3562

415.1185, 0.3201,
0.3345

■ 1.1828, 0.3657,
0.3663

■ 0.0476, 0.6568,
0.3432

■ 77.2353, 0.3257,
0.3385

■ 77.2353, 0.3257,
0.3385

■ 69.5875, 0.3440,
0.3509

■ 85.5544, 0.3098,
0.3268

■ 62.5832, 0.3648,
0.3638

■ 93.9463, 0.3012,
0.3249

■ 56.2073, 0.3883,
0.3767

■ 96.5763, 0.3011,
0.3290

■ 50.4400, 0.4144,
0.3890

■ 45.2607, 0.4424,
0.3996

■ 40.6471, 0.4714,
0.4074

■ 36.5748, 0.4997,
0.4111

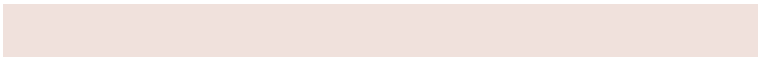
■ 33.0170, 0.5254,
0.4095

■ 29.9406, 0.5468,
0.4025

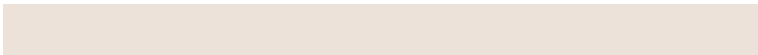
Harmonies

Analogous

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



77.2353, 0.3262, 0.3335



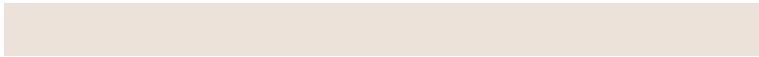
77.2353, 0.3257, 0.3385



77.2353, 0.3217, 0.3411

Triad

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



77.2353, 0.3257, 0.3385



77.2353, 0.3025, 0.3306



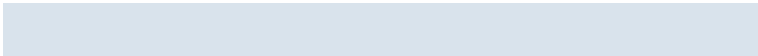
77.2353, 0.3101, 0.3180

Complementary

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



77.2353, 0.3257, 0.3385



75.7400, 0.3003, 0.3193

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.



77.2353, 0.3038, 0.3171



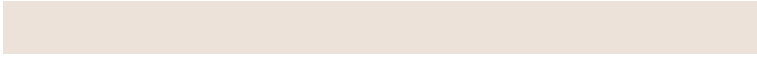
77.2353, 0.3257, 0.3385



77.2353, 0.2994, 0.3243

Square

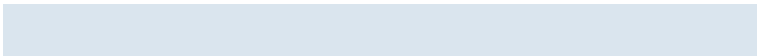
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2353, 0.3257, 0.3385



77.2353, 0.3082, 0.3365



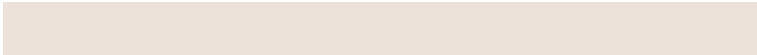
77.2353, 0.2999, 0.3194



77.2353, 0.3171, 0.3217

Rectangle

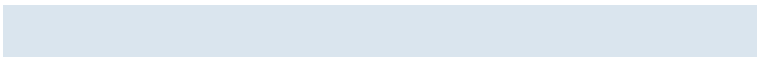
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2353, 0.3257, 0.3385



77.2353, 0.3176, 0.3410



77.2353, 0.2999, 0.3194



77.2353, 0.3078, 0.3174

Sweetspot

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



77.2387, 0.3257, 0.3385



97.9761, 0.3158, 0.3313



73.0030, 0.3196, 0.3184



20.9922, 0.3157, 0.3312



0.0000, 0.0000, 0.0000



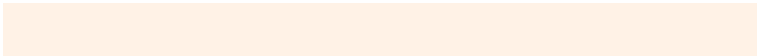
21.4041, 0.3127, 0.3290

Same Dimension

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



77.2387, 0.3257, 0.3385



90.2034, 0.3291, 0.3409



82.4821, 0.3248, 0.3481



16.2316, 0.3281, 0.3402



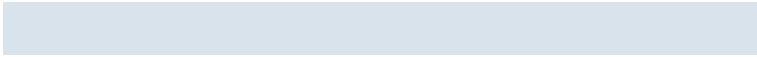
16.4555, 0.5481, 0.4030



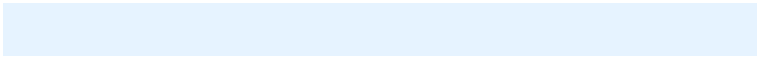
1.4835, 0.5257, 0.4208

Inverse Universe

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



75.7400, 0.3003, 0.3193



88.0100, 0.2971, 0.3168



70.7465, 0.3003, 0.3091



15.8604, 0.2981, 0.3175



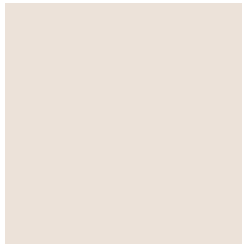
11.5655, 0.1797, 0.1668



1.1007, 0.1864, 0.1909

Previews

White Background



This preview shows how the Yxy color 77.2353, 0.3257, 0.3385 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 77.2353, 0.3257, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

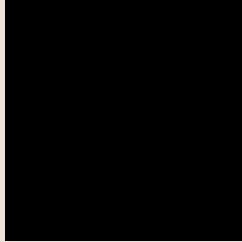
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

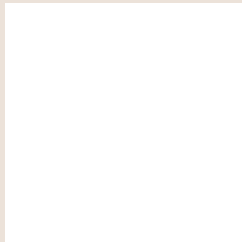
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.2353, 0.3257, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 77.2353, 0.3257, 0.3385.

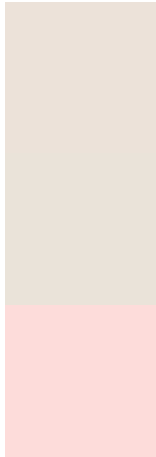


This preview shows how white text looks on a background with the Yxy color 77.2353, 0.3257, 0.3385.

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

77.2353, 0.3257, 0.3385

Protanopia

77.4403, 0.3241, 0.3396

Deuteranopia

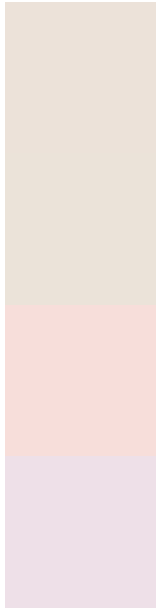
77.1310, 0.3381, 0.3311



Tritanopia

77.4173, 0.3128, 0.3116

Trichromacy



Original Color

77.2353, 0.3257, 0.3385

Protanomaly

77.6101, 0.3249, 0.3395

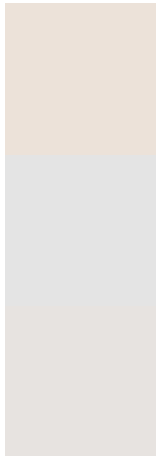
Deuteranomaly

77.0787, 0.3334, 0.3332

Tritanomaly

77.3146, 0.3173, 0.3208

Monochromacy



Original Color

77.2353, 0.3257, 0.3385

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3089, 0.3174, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2353, 0.3257, 0.3385 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(236, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 217)  
}
```

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(236, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 217) }
```

Border

The CSS property to change the border of an element to Yxy 77.2353, 0.3257, 0.3385 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(236, 226, 217) }
```

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

```
.border{ border-color:rgb(236, 226, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 226, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 217);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 77.2353, 0.3257, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 217) }
```

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

```
.background{ background-color: rgb(236,  
226, 217) }
```

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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