

Converting Colors

$Yxy(77.3112, 0.3246, 0.3477)$

Have a look what the booklet for
Yxy(77.3112, 0.3246, 0.3477)
contains.

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Color

Yxy(77.3998, 0.3244, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	E5E5D3
RGB	229, 229, 211
RGB Percent	90%, 90%, 83%
CMY	0.1017, 0.1020, 0.1725
CMYK	0.00, 0.00, 0.08, 0.10
HSL	60°, 26%, 86%
HSV	60°, 8%, 90%
XYZ	72.1094, 77.3998, 72.7763
YIQ	226.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

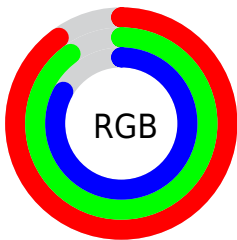
Format	Color
R_{YB}	211, 229, 211
Decimal	15066579
CIE _{Lab}	90.51, -3.05, 8.76
CIE _{LCh}	91, 9.279, 109.193
Y _{xy}	77.3998, 0.3244, 0.3482
Android (android.graphics.Color)	4293256659 (0xFFE5E5D3)
Y _{UV}	226.9480, -7.8624, 1.7996
Hunter-Lab	87.9772, -7.6547, 12.5383

Details

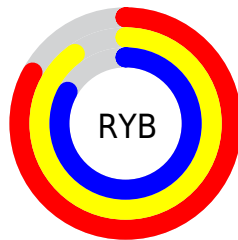
The Yxy color **77.3998, 0.3244, 0.3482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1555, 0.3006, 0.3090**, and the grayscale version is **76.8411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.6711, 0.3278, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **76.2690, 0.3396, 0.3732**, and if you desaturate by 10%, it is **78.7012, 0.3096, 0.3240**.

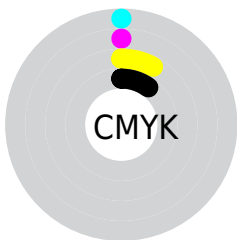
Distribution



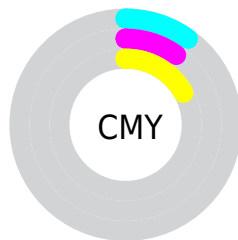
- Red (90%)
- Green (90%)
- Blue (83%)



- Red (83%)
- Yellow (90%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3998, 0.3244, 0.3482 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 77.3998, 0.3244, 0.3482 by changing the saturation by 10% instead.

■ 77.3998, 0.3244,
0.3482

■ 77.3998, 0.3244,
0.3482

486.1261, 0.3191,
0.3394

■ 57.5811, 0.3256,
0.3502

129.7037, 0.3226,
0.3451

■ 41.4719, 0.3271,
0.3527

162.9576, 0.3219,
0.3439

■ 28.6880, 0.3289,
0.3558

201.4588, 0.3212,
0.3429

■ 18.8450, 0.3313,
0.3599

245.5915, 0.3207,
0.3420

■ 11.5583, 0.3345,
0.3655

295.7402, 0.3202,
0.3412

■ 6.4437, 0.3391,
0.3735

352.2892, 0.3198,

■ 3.1167, 0.3460,

0.3405

415.6231, 0.3194,
0.3399

0.3860

■ 1.1930, 0.3615,
0.4125

■ 0.0559, 0.0000,
1.0000

■ 77.3998, 0.3244,
0.3482

■ 77.3998, 0.3244,
0.3482

■ 76.2690, 0.3396,
0.3732

■ 78.7012, 0.3096,
0.3240

■ 75.2916, 0.3549,
0.3982

■ 80.0510, 0.2967,
0.3027

■ 74.4638, 0.3697,
0.4224

■ 80.1169, 0.2967,
0.3028

■ 73.7775, 0.3834,
0.4449

■ 80.1828, 0.2967,
0.3030

73.2241, 0.3955,
0.4647

80.2489, 0.2967,
0.3031

72.7938, 0.4054,
0.4808

80.3149, 0.2967,
0.3032

72.4757, 0.4128,
0.4928

80.3810, 0.2967,
0.3033

72.2569, 0.4175,
0.5004

80.4472, 0.2967,
0.3035

72.1194, 0.4199,
0.5040

80.5134, 0.2967,
0.3036

Harmonies

Analogous

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



77.3998, 0.3320, 0.3453



77.3998, 0.3244, 0.3482



77.3998, 0.3138, 0.3458

Triad

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



77.3998, 0.3244, 0.3482



77.3998, 0.2916, 0.3193



77.3998, 0.3223, 0.3197

Complementary

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



77.3998, 0.3244, 0.3482



66.1555, 0.3006, 0.3090

Split Complementary

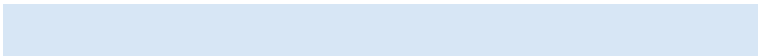
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3998, 0.3113, 0.3130



77.3998, 0.3244, 0.3482



77.3998, 0.2938, 0.3126

Square

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



77.3998, 0.3244, 0.3482



77.3998, 0.2950, 0.3288



77.3998, 0.3009, 0.3104



77.3998, 0.3308, 0.3288

Rectangle

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



77.3998, 0.3244, 0.3482



77.3998, 0.3065, 0.3414



77.3998, 0.3009, 0.3104



77.3998, 0.3188, 0.3171

Sweetspot

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



77.4032, 0.3244, 0.3482



99.6590, 0.3157, 0.3338



67.9859, 0.3260, 0.3287



21.3347, 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.



77.4032, 0.3244, 0.3482



98.5330, 0.3262, 0.3511



76.0544, 0.3182, 0.3487



16.8037, 0.3268, 0.3521



41.1955, 0.4202, 0.5045



3.0484, 0.4201, 0.5047

Inverse Universe

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



66.1555, 0.3006, 0.3090



82.1927, 0.2987, 0.3059



67.4335, 0.3068, 0.3093



13.8991, 0.2980, 0.3048



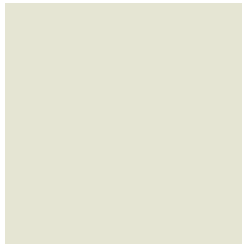
3.2546, 0.1501, 0.0603



0.2448, 0.1504, 0.0613

Previews

White Background



This preview shows how the Yxy color 77.3998, 0.3244, 0.3482 looks on a white background.

Color Contrast Check

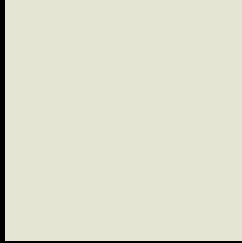
Large Text (above 18pt) WCAG AA × Fail

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 77.3998, 0.3244, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

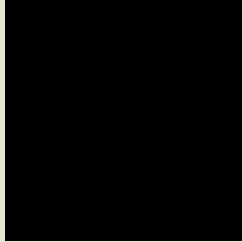
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

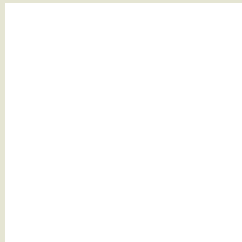
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3998, 0.3244, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 77.3998, 0.3244, 0.3482.



This preview shows how white text looks on a background with the Yxy color 77.3998, 0.3244, 0.3482.

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

77.3998, 0.3244, 0.3482

Protanopia

77.4242, 0.3302, 0.3470

Deuteranopia

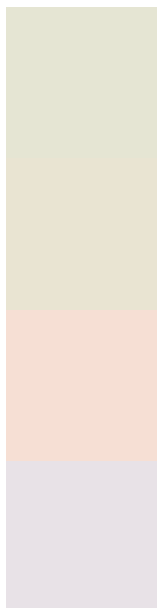
77.2505, 0.3431, 0.3362



Tritanopia

77.2145, 0.3081, 0.3105

Trichromacy



Original Color

77.3998, 0.3244, 0.3482

Protanomaly

77.4636, 0.3280, 0.3481

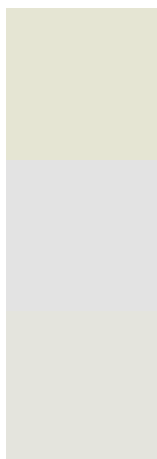
Deuteranomaly

77.1216, 0.3367, 0.3404

Tritanomaly

77.3180, 0.3137, 0.3238

Monochromacy



Original Color

77.3998, 0.3244, 0.3482

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.2012, 0.3172, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3998, 0.3244, 0.3482 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(229, 229, 211)` looks like.

```
.text, #text, p{  
    color:rgb(229, 229, 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(229, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 229, 211) }
```

Border

The CSS property to change the border of an element to Yxy 77.3998, 0.3244, 0.3482 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(229, 229, 211) }
```

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

```
.border{ border-color:rgb(229, 229, 211) }
```

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

Here you see how a box with a 4 pixel rgb(229, 229, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(229, 229,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3998, 0.3244, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 229, 211) }
```

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

```
.background{ background-color: rgb(229,  
229, 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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