

Converting Colors

$Yxy(70.2507, 0.3268, 0.3411)$

Have a look what the booklet for
Yxy(70.2507, 0.3268, 0.3411)
contains.

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Color

Yxy(70.2507, 0.3268, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	E2D9CE
RGB	226, 217, 206
RGB Percent	89%, 85%, 81%
CMY	0.1139, 0.1489, 0.1922
CMYK	0.00, 0.04, 0.09, 0.11
HSL	33°, 26%, 85%
HSV	33°, 9%, 89%
XYZ	67.3056, 70.2507, 68.3971
YIQ	218.4370, 8.8950, -1.5130

Conversions

Conversions Part 2

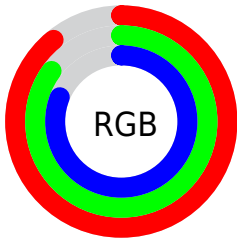
Format	Color
R_{YB}	222, 226, 206
Decimal	14866894
CIE Lab	87.12, 1.18, 6.51
CIE LCh	87, 6.613, 79.698
Yxy	70.2507, 0.3268, 0.3411
Android (android.graphics.Color)	4293056974 (0xFFE2D9CE)
YUV	218.4370, -6.1314, 6.6328
Hunter-Lab	83.8157, -3.3386, 10.2879

Details

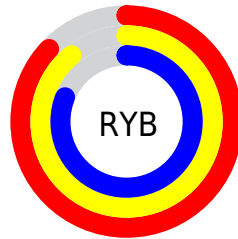
The Yxy color **70.2507, 0.3268, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.1707, 0.2991, 0.3166**, and the grayscale version is **70.4644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7656, 0.3304, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **64.1790, 0.3447, 0.3555**, and if you desaturate by 10%, it is **76.8058, 0.3110, 0.3275**.

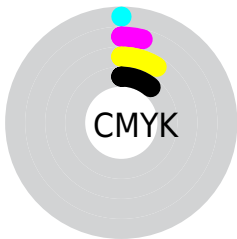
Distribution



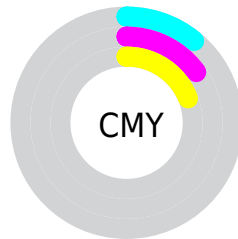
- Red (89%)
- Green (85%)
- Blue (81%)



- Red (87%)
- Yellow (89%)
- Blue (81%)



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.2507, 0.3268, 0.3411 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 70.2507, 0.3268, 0.3411 by changing the saturation by 10% instead.

■ 70.2507, 0.3268,
0.3411

■ 70.2507, 0.3268,
0.3411

461.4298, 0.3202,
0.3355

■ 51.7309, 0.3283,
0.3424

119.5662, 0.3245,
0.3391

■ 36.7907, 0.3302,
0.3440

151.1307, 0.3236,
0.3384

■ 25.0454, 0.3326,
0.3460

187.8123, 0.3229,
0.3377

■ 16.1109, 0.3358,
0.3487

229.9953, 0.3222,
0.3372

■ 9.6027, 0.3401,
0.3523

278.0642, 0.3216,
0.3367

■ 5.1363, 0.3465,
0.3577

332.4033, 0.3211,

■ 2.3275, 0.3567,

0.3362

0.3661

393.3970, 0.3206,
0.3358

0.7882, 0.3950,
0.4002

0.0000, 0.0000,
0.0000

70.2507, 0.3268,
0.3411

70.2507, 0.3268,
0.3411

64.1790, 0.3447,
0.3555

76.8058, 0.3110,
0.3275

58.5692, 0.3648,
0.3704

83.8468, 0.2971,
0.3147

53.4112, 0.3869,
0.3852

90.1193, 0.2950,
0.3212

48.6912, 0.4109,
0.3992

94.9015, 0.2952,
0.3289

■ 44.3947, 0.4361,
0.4115

■ 40.5058, 0.4614,
0.4208

■ 37.0071, 0.4856,
0.4259

■ 33.8791, 0.5071,
0.4257

■ 31.0953, 0.5250,
0.4205

Harmonies

Analogous

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



70.2507, 0.3286, 0.3359



70.2507, 0.3268, 0.3411



70.2507, 0.3212, 0.3431

Triad

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



70.2507, 0.3268, 0.3411



70.2507, 0.2996, 0.3288



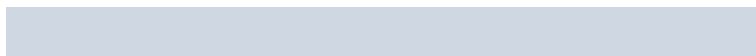
70.2507, 0.3119, 0.3172

Complementary

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



70.2507, 0.3268, 0.3411



67.1707, 0.2991, 0.3166

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.



70.2507, 0.3042, 0.3152



70.2507, 0.3268, 0.3411



70.2507, 0.2971, 0.3218

Square

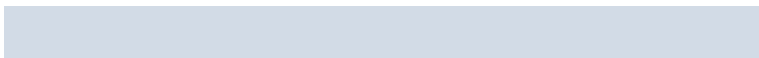
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.2507, 0.3268, 0.3411



70.2507, 0.3055, 0.3360



70.2507, 0.2988, 0.3169



70.2507, 0.3199, 0.3222

Rectangle

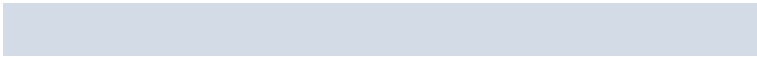
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2507, 0.3268, 0.3411



70.2507, 0.3161, 0.3423



70.2507, 0.2988, 0.3169



70.2507, 0.3092, 0.3162

Sweetspot

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



70.2538, 0.3268, 0.3411



97.3524, 0.3174, 0.3331



65.2040, 0.3215, 0.3192



20.6881, 0.3186, 0.3342



0.0000, 0.0000, 0.0000



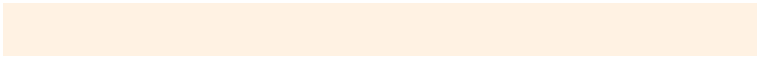
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2538, 0.3268, 0.3411



90.5749, 0.3306, 0.3443



74.8246, 0.3251, 0.3507



14.9499, 0.3278, 0.3420



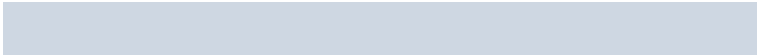
17.8141, 0.5249, 0.4214



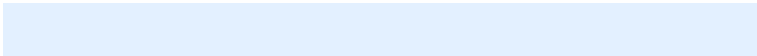
1.4127, 0.5042, 0.4378

Inverse Universe

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



67.1707, 0.2991, 0.3166



85.5698, 0.2955, 0.3133



62.8897, 0.2998, 0.3064



14.2480, 0.2981, 0.3157



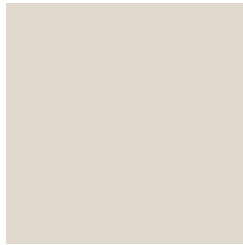
8.6859, 0.1726, 0.1413



0.7788, 0.1808, 0.1710

Previews

White Background



This preview shows how the Yxy color 70.2507, 0.3268, 0.3411 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 70.2507, 0.3268, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

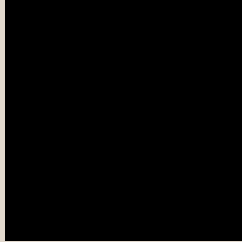
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

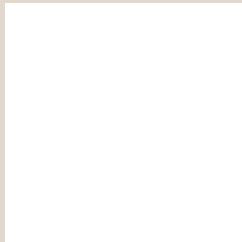
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2507, 0.3268, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 70.2507, 0.3268, 0.3411.

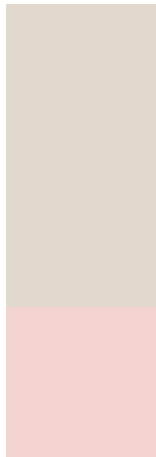


This preview shows how white text looks on a background with the Yxy color 70.2507, 0.3268, 0.3411.

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

70.2507, 0.3268, 0.3411

Protanopia

70.0895, 0.3261, 0.3411

Deuteranopia

70.1482, 0.3398, 0.3333



Tritanopia

69.9597, 0.3128, 0.3109

Trichromacy



Original Color

70.2507, 0.3268, 0.3411

Protanomaly

70.0895, 0.3261, 0.3411

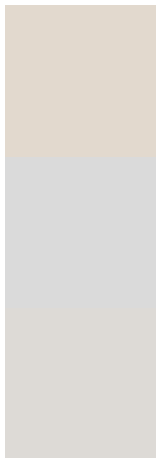
Deuteranomaly

70.0980, 0.3349, 0.3355

Tritanomaly

69.8076, 0.3182, 0.3215

Monochromacy



Original Color

70.2507, 0.3268, 0.3411

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.3700, 0.3176, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2507, 0.3268, 0.3411 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(226, 217, 206) looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 206)  
}
```

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(226, 217, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 206) }
```

Border

The CSS property to change the border of an element to Yxy 70.2507, 0.3268, 0.3411 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(226, 217, 206) }
```

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

```
.border{ border-color:rgb(226, 217, 206) }
```

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

Here you see how a box with a 4 pixel rgb(226, 217, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 206);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2507, 0.3268, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 206) }
```

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

```
.background{ background-color: rgb(226,  
217, 206) }
```

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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