

Converting Colors

Yxy(69.5144, 0.3266, 0.3461)

Have a look what the booklet for
Yxy(69.5144, 0.3266, 0.3461)
contains.

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Color

Yxy(69.4196, 0.3266, 0.3457)

Conversions

Conversions Part 1

Format	Color
Hex	DED9CA
RGB	222, 217, 202
RGB Percent	87%, 85%, 79%
CMY	0.1296, 0.1489, 0.2079
CMYK	0.00, 0.02, 0.09, 0.13
HSL	45°, 23%, 83%
HSV	45°, 9%, 87%
XYZ	65.5842, 69.4196, 65.8050
YIQ	216.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

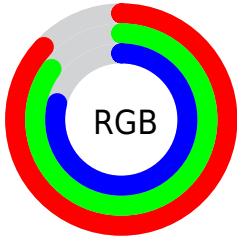
Format	Color
R_{YB}	209, 222, 202
Decimal	14604746
CIE Lab	86.71, -0.89, 7.99
CIE LCh	87, 8.043, 96.352
Yxy	69.4196, 0.3266, 0.3457
Android (android.graphics.Color)	4292794826 (0xFFDED9CA)
YUV	216.7850, -7.2890, 4.5736
Hunter-Lab	83.3184, -5.3009, 11.4955

Details

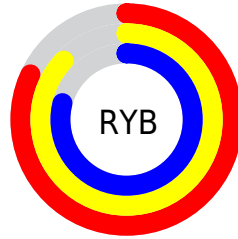
The Yxy color **69.4196, 0.3266, 0.3457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4049, 0.2988, 0.3117**, and the grayscale version is **69.2765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1943, 0.3301, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **65.6689, 0.3433, 0.3650**, and if you desaturate by 10%, it is **73.4213, 0.3112, 0.3272**.

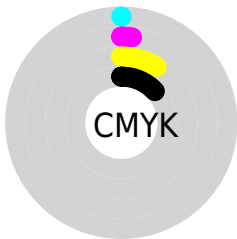
Distribution



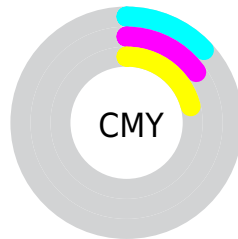
- Red (87%)
- Green (85%)
- Blue (79%)



- Red (82%)
- Yellow (87%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4196, 0.3266, 0.3457 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 69.4196, 0.3266, 0.3457 by changing the saturation by 10% instead.

■ 69.4196, 0.3266,
0.3457

■ 69.4196, 0.3266,
0.3457

458.5095, 0.3201,
0.3379

■ 51.0535, 0.3281,
0.3475

118.3807, 0.3243,
0.3430

■ 36.2512, 0.3299,
0.3498

149.7445, 0.3235,
0.3419

■ 24.6283, 0.3323,
0.3526

186.2096, 0.3227,
0.3410

■ 15.8003, 0.3354,
0.3564

228.1605, 0.3221,
0.3402

■ 9.3830, 0.3397,
0.3616

275.9816, 0.3215,
0.3395

■ 4.9918, 0.3459,
0.3693

330.0571, 0.3210,

■ 2.2425, 0.3558,

0.3389

390.7716, 0.3205,
0.3384

0.3815

0.7430, 0.4080,
0.4429

0.0000, 0.0000,
0.0000

69.4196, 0.3266,
0.3457

69.4196, 0.3266,
0.3457

65.6689, 0.3433,
0.3650

73.4213, 0.3112,
0.3272

62.1527, 0.3610,
0.3847

77.6718, 0.2972,
0.3097

58.8663, 0.3796,
0.4041

81.2761, 0.2923,
0.3068

55.8013, 0.3984,
0.4224

84.4331, 0.2924,
0.3125

■ 52.9487, 0.4168,
0.4385

■ 87.6873, 0.2926,
0.3182

■ 50.2984, 0.4340,
0.4515

■ 91.0395, 0.2927,
0.3238

■ 47.8392, 0.4491,
0.4603

■ 94.2619, 0.2929,
0.3289

■ 45.5579, 0.4613,
0.4643

■ 43.4343, 0.4707,
0.4639

Harmonies

Analogous

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



69.4196, 0.3315, 0.3413



69.4196, 0.3266, 0.3457



69.4196, 0.3180, 0.3456

Triad

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



69.4196, 0.3266, 0.3457



69.4196, 0.2944, 0.3238



69.4196, 0.3172, 0.3176

Complementary

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



69.4196, 0.3266, 0.3457



62.4049, 0.2988, 0.3117

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.



69.4196, 0.3073, 0.3131



69.4196, 0.3266, 0.3457



69.4196, 0.2942, 0.3164

Square

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



69.4196, 0.3266, 0.3457



69.4196, 0.2994, 0.3328



69.4196, 0.2989, 0.3126



69.4196, 0.3261, 0.3252

Rectangle

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



69.4196, 0.3266, 0.3457



69.4196, 0.3113, 0.3429



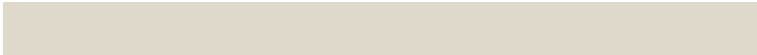
69.4196, 0.2989, 0.3126



69.4196, 0.3139, 0.3157

Sweetspot

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



69.4226, 0.3266, 0.3457



98.3186, 0.3173, 0.3345



62.2561, 0.3246, 0.3234



20.9492, 0.3185, 0.3360



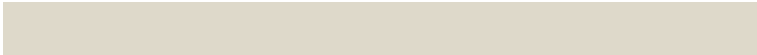
0.0000, 0.0000, 0.0000



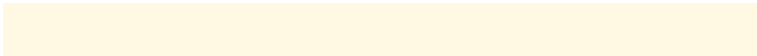
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4226, 0.3266, 0.3457



93.9866, 0.3300, 0.3497



71.2251, 0.3224, 0.3513



15.4267, 0.3273, 0.3466



25.8726, 0.4707, 0.4645



1.9313, 0.4611, 0.4721

Inverse Universe

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



62.4049, 0.2988, 0.3117



82.3150, 0.2954, 0.3074



60.7632, 0.3025, 0.3062



13.7899, 0.2981, 0.3108



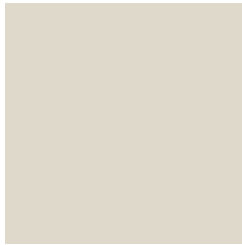
4.8906, 0.1580, 0.0887



0.4790, 0.1662, 0.1181

Previews

White Background



This preview shows how the Yxy color 69.4196, 0.3266, 0.3457 looks on a white background.

Color Contrast Check

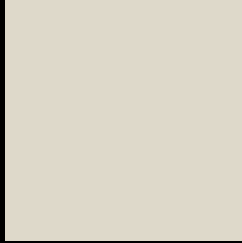
Large Text (above 18pt) WCAG AA × Fail

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 69.4196, 0.3266, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

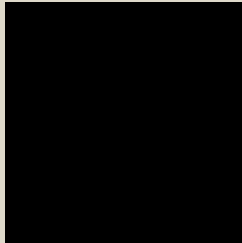
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

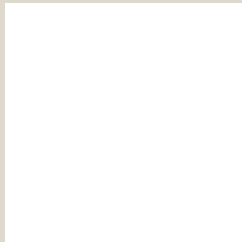
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4196, 0.3266, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 69.4196, 0.3266, 0.3457.



This preview shows how white text looks on a background with the Yxy color 69.4196, 0.3266, 0.3457.

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

69.4196, 0.3266, 0.3457

Protanopia

69.3836, 0.3290, 0.3445

Deuteranopia

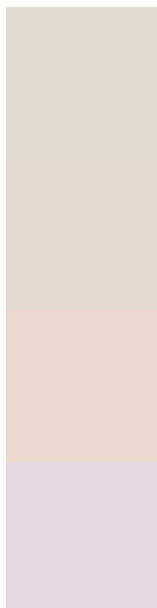
69.4597, 0.3429, 0.3365



Tritanopia

69.4704, 0.3107, 0.3108

Trichromacy



Original Color

69.4196, 0.3266, 0.3457

Protanomaly

69.2233, 0.3282, 0.3445

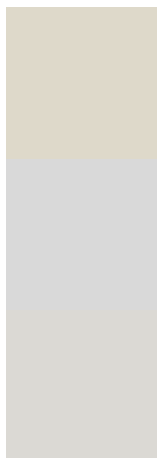
Deuteranomaly

69.5625, 0.3363, 0.3398

Tritanomaly

69.2680, 0.3167, 0.3225

Monochromacy



Original Color

69.4196, 0.3266, 0.3457

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4392, 0.3175, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4196, 0.3266, 0.3457 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(222, 217, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 217, 202)  
}
```

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(222, 217, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 202) }
```

Border

The CSS property to change the border of an element to Yxy 69.4196, 0.3266, 0.3457 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(222, 217, 202) }
```

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

```
.border{ border-color:rgb(222, 217, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 217, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4196, 0.3266, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 202) }
```

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

```
.background{ background-color: rgb(222,  
217, 202) }
```

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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