

Converting Colors

$Yxy(69.2530, 0.3239, 0.3318)$

Have a look what the booklet for
Yxy(69.2530, 0.3239, 0.3318)
contains.

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Color

Yxy(69.1775, 0.3237, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6D4
RGB	227, 214, 212
RGB Percent	89%, 84%, 83%
CMY	0.1098, 0.1608, 0.1686
CMYK	0.00, 0.06, 0.07, 0.11
HSL	8°, 21%, 86%
HSV	8°, 7%, 89%
XYZ	67.6110, 69.1775, 72.0808
YIQ	217.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

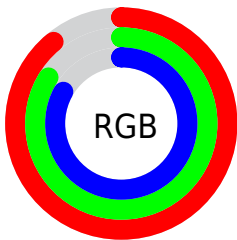
Format	Color
RYB	227, 214, 212
Decimal	14931668
CIELab	86.59, 4.13, 2.57
CIELCh	87, 4.868, 31.937
Yxy	69.1775, 0.3237, 0.3312
Android (android.graphics.Color)	4293121748 (0xFFE3D6D4)
YUV	217.6590, -2.7899, 8.1921
Hunter-Lab	83.1730, -0.4509, 6.8382

Details

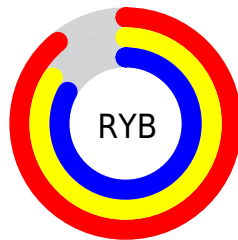
The Yxy color $69.1775, 0.3237, 0.3312$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.4022, 0.3025, 0.3268$, and the grayscale version is $69.8818, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.0013, 0.3272, 0.3319$ is the 20% darker color. If you saturate the color by 10%, you get $58.7461, 0.3434, 0.3348$, and if you desaturate by 10%, it is $80.9798, 0.3076, 0.3279$.

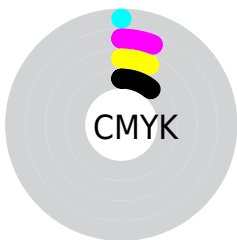
Distribution



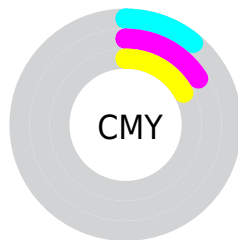
- Red (89%)
- Green (84%)
- Blue (83%)



- Red (89%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1775, 0.3237, 0.3312 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 69.1775, 0.3237, 0.3312 by changing the saturation by 10% instead.


 69.1775, 0.3237,
0.3312

 69.1775, 0.3237,
0.3312

457.6568, 0.3186,
0.3302

 50.8563, 0.3249,
0.3314


118.0351, 0.3219,
0.3309

 36.0942, 0.3264,
0.3317


149.3402, 0.3212,
0.3307

 24.5070, 0.3283,
0.3320


185.7421, 0.3206,
0.3306

 15.7101, 0.3308,
0.3325

227.6251, 0.3201,
0.3305

 9.3193, 0.3342,
0.3331

275.3737, 0.3196,
0.3304

 4.9500, 0.3393,
0.3340

329.3723, 0.3192,

 2.2180, 0.3476,

0.3303

390.0051, 0.3189,
0.3303

0.3353

0.7298, 0.3715,
0.3412

0.0000, 0.0000,
0.0000

69.1775, 0.3237,
0.3312

69.1775, 0.3237,
0.3312

58.7461, 0.3434,
0.3348

80.9798, 0.3076,
0.3279

49.6271, 0.3675,
0.3385

94.0345, 0.2958,
0.3273

41.7711, 0.3967,
0.3422

95.0721, 0.2958,
0.3290

35.1223, 0.4316,
0.3457

■ 29.6206, 0.4718,
0.3484

■ 25.2006, 0.5156,
0.3497

■ 21.7906, 0.5592,
0.3489

■ 19.3096, 0.5969,
0.3455

■ 17.6637, 0.6231,
0.3399

Harmonies

Analogous

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



69.1775, 0.3201, 0.3259



69.1775, 0.3237, 0.3312



69.1775, 0.3243, 0.3359

Triad

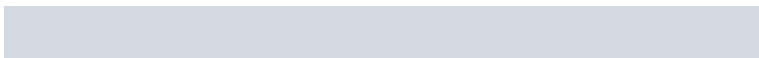
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1775, 0.3237, 0.3312



69.1775, 0.3108, 0.3367



69.1775, 0.3037, 0.3192

Complementary

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



69.1775, 0.3237, 0.3312



73.4022, 0.3025, 0.3268

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.



69.1775, 0.3013, 0.3220



69.1775, 0.3237, 0.3312



69.1775, 0.3053, 0.3321

Square

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



69.1775, 0.3237, 0.3312



69.1775, 0.3168, 0.3392



69.1775, 0.3019, 0.3267



69.1775, 0.3086, 0.3191

Rectangle

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



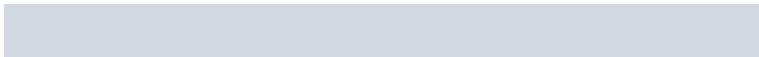
69.1775, 0.3237, 0.3312



69.1775, 0.3229, 0.3382



69.1775, 0.3019, 0.3267



69.1775, 0.3026, 0.3199

Sweetspot

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



69.1805, 0.3237, 0.3312



96.8870, 0.3159, 0.3297



68.8735, 0.3147, 0.3148



20.7704, 0.3157, 0.3296



0.0000, 0.0000, 0.0000



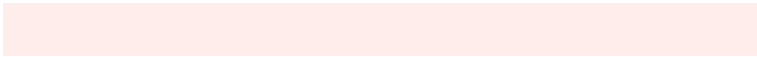
21.4041, 0.3127, 0.3290

Same Dimension

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



69.1805, 0.3237, 0.3312



87.9847, 0.3263, 0.3317



72.9352, 0.3230, 0.3390



14.6754, 0.3289, 0.3322



10.1667, 0.6279, 0.3396



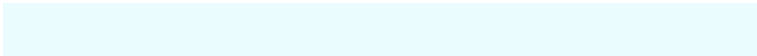
0.8510, 0.6050, 0.3578

Inverse Universe

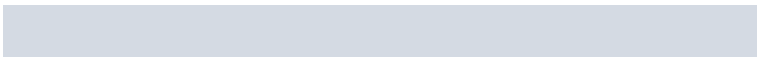
The Inverse Universe completely reimagines the original color for something new.



73.4022, 0.3025, 0.3268



94.6155, 0.3003, 0.3263



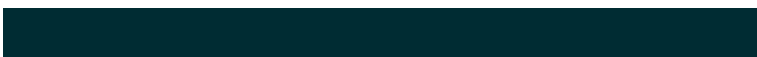
69.5621, 0.3026, 0.3188



15.9922, 0.2982, 0.3258



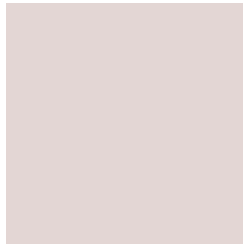
26.5984, 0.2129, 0.2865



2.0567, 0.2148, 0.2933

Previews

White Background



This preview shows how the Yxy color 69.1775, 0.3237, 0.3312 looks on a white background.

Color Contrast Check

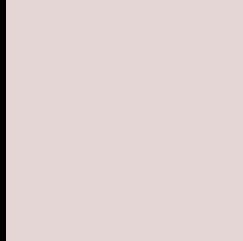
Large Text (above 18pt) WCAG AA × Fail

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 69.1775, 0.3237, 0.3312 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

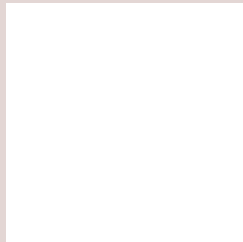
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1775, 0.3237, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 69.1775, 0.3237, 0.3312.

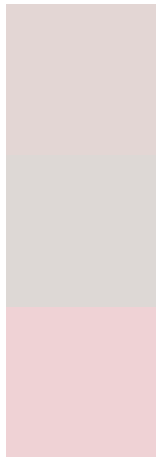


This preview shows how white text looks on a background with the Yxy color 69.1775, 0.3237, 0.3312.

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

69.1775, 0.3237, 0.3312

Protanopia

69.2880, 0.3184, 0.3323

Deuteranopia

69.2480, 0.3325, 0.3259



Tritanopia

69.3464, 0.3142, 0.3119

Trichromacy



Original Color

69.1775, 0.3237, 0.3312

Protanomaly

69.0929, 0.3199, 0.3312

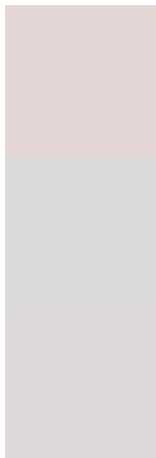
Deuteranomaly

69.0548, 0.3293, 0.3269

Tritanomaly

69.3564, 0.3176, 0.3193

Monochromacy



Original Color

69.1775, 0.3237, 0.3312

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9557, 0.3163, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1775, 0.3237, 0.3312 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(227, 214, 212)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 212)  
}
```

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(227, 214, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 212) }
```

Border

The CSS property to change the border of an element to Yxy 69.1775, 0.3237, 0.3312 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(227, 214, 212) }
```

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

```
.border{ border-color:rgb(227, 214, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 212);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1775, 0.3237, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 212) }
```

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

```
.background{ background-color: rgb(227,  
214, 212) }
```

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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