

Converting Colors

$Y_{xy}(65.5292, 0.3219, 0.3277)$

Have a look what the booklet for
Yxy(65.5292, 0.3219, 0.3277)
contains.

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Color

Yxy(65.7837, 0.3218, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	DED1D2
RGB	222, 209, 210
RGB Percent	87%, 82%, 82%
CMY	0.1294, 0.1804, 0.1764
CMYK	0.00, 0.06, 0.05, 0.13
HSL	355°, 16%, 85%
HSV	355°, 6%, 87%
XYZ	64.5599, 65.7837, 70.2776
YIQ	213.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

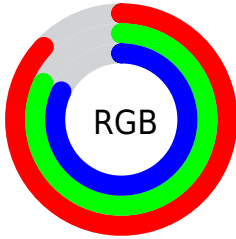
Format	Color
R _Y B	222, 209, 210
Decimal	14602706
CIE Lab	84.89, 4.67, 1.10
CIE LCh	85, 4.794, 13.258
Yxy	65.7837, 0.3218, 0.3279
Android (android.graphics.Color)	4292792786 (0xFFDED1D2)
YUV	213.0010, -1.4795, 7.8921
Hunter-Lab	81.1072, 0.1454, 5.4015

Details

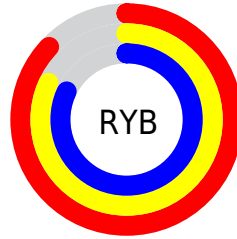
The Yxy color **65.7837, 0.3218, 0.3279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0208, 0.3043, 0.3301**, and the grayscale version is **66.5492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0585, 0.3237, 0.3276** is the 20% darker color. If you saturate the color by 10%, you get **54.6851, 0.3403, 0.3259**, and if you desaturate by 10%, it is **78.5365, 0.3070, 0.3297**.

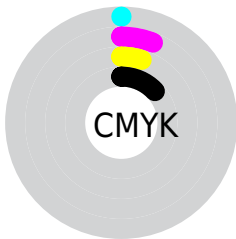
Distribution



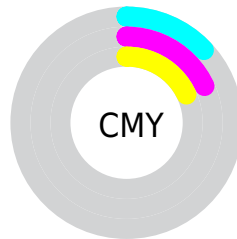
- Red (87%)
- Green (82%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (13%)




- Cyan (13%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7837, 0.3218, 0.3279 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 65.7837, 0.3218, 0.3279 by changing the saturation by 10% instead.

 65.7837, 0.3218,
0.3279

 65.7837, 0.3218,
0.3279


445.6029, 0.3175,
0.3284

 48.0968, 0.3228,
0.3278

113.1758, 0.3203,
0.3281

 33.9036, 0.3241,
0.3276


143.6499, 0.3197,
0.3282

 22.8195, 0.3257,
0.3274


179.1551, 0.3192,
0.3282

 14.4603, 0.3278,
0.3271

220.0759, 0.3188,
0.3283

 8.4415, 0.3308,
0.3267

266.7967, 0.3184,
0.3283

 4.3787, 0.3352,
0.3261

319.7019, 0.3181,

 1.8876, 0.3426,

0.3284

0.3250

379.1758, 0.3178,
0.3284

0.5409, 0.3736,
0.3218

0.0000, 0.0000,
0.0000

65.7837, 0.3218,
0.3279

65.7837, 0.3218,
0.3279

54.6851, 0.3403,
0.3259

78.5365, 0.3070,
0.3297

45.1647, 0.3634,
0.3238

92.9982, 0.2950,
0.3314

37.1535, 0.3919,
0.3218

94.2704, 0.2929,
0.3289

30.5739, 0.4266,
0.3199

■ 25.3415, 0.4674,
0.3186

■ 21.3631, 0.5126,
0.3181

■ 18.5336, 0.5582,
0.3190

■ 16.7307, 0.5979,
0.3214

■ 15.8037, 0.6254,
0.3250

Harmonies

Analogous

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



65.7837, 0.3168, 0.3230



65.7837, 0.3218, 0.3279



65.7837, 0.3243, 0.3331

Triad

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



65.7837, 0.3218, 0.3279



65.7837, 0.3146, 0.3386



65.7837, 0.3019, 0.3206

Complementary

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



65.7837, 0.3218, 0.3279



71.0208, 0.3043, 0.3301

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.



65.7837, 0.3013, 0.3247



65.7837, 0.3218, 0.3279



65.7837, 0.3086, 0.3351

Square

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



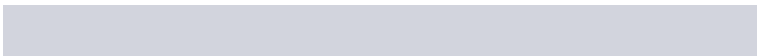
65.7837, 0.3218, 0.3279



65.7837, 0.3201, 0.3393



65.7837, 0.3037, 0.3301



65.7837, 0.3053, 0.3188

Rectangle

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



65.7837, 0.3218, 0.3279



65.7837, 0.3243, 0.3361



65.7837, 0.3037, 0.3301



65.7837, 0.3013, 0.3218

Sweetspot

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



65.7866, 0.3218, 0.3279



96.4899, 0.3157, 0.3286



66.2362, 0.3126, 0.3147



20.6896, 0.3156, 0.3286



0.0000, 0.0000, 0.0000



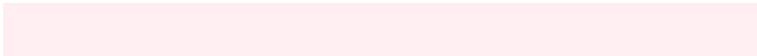
21.4041, 0.3127, 0.3290

Same Dimension

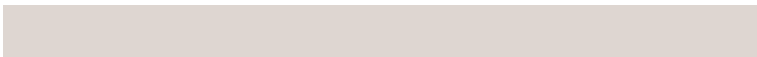
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7866, 0.3218, 0.3279



88.1202, 0.3238, 0.3277



68.4401, 0.3220, 0.3350



14.2009, 0.3247, 0.3276



9.2552, 0.6312, 0.3251



0.6477, 0.6075, 0.3120

Inverse Universe

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



65.7866, 0.3218, 0.3279



88.1202, 0.3238, 0.3277



68.2431, 0.3037, 0.3229



14.2009, 0.3247, 0.3276



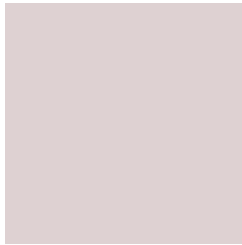
9.2552, 0.6312, 0.3251



0.6477, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 65.7837, 0.3218, 0.3279 looks on a white background.

Color Contrast Check

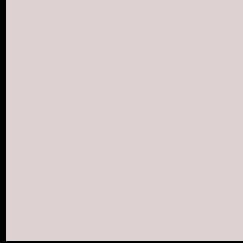
Large Text (above 18pt) WCAG AA × Fail

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 65.7837, 0.3218, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

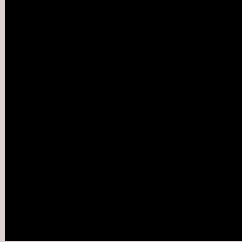
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

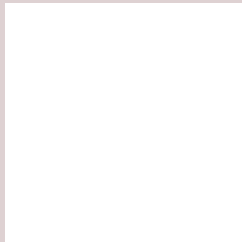
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7837, 0.3218, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 65.7837, 0.3218, 0.3279.

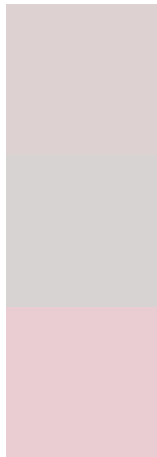


This preview shows how white text looks on a background with the Yxy color 65.7837, 0.3218, 0.3279.

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

65.7837, 0.3218, 0.3279

Protanopia

65.8906, 0.3164, 0.3290

Deuteranopia

65.6894, 0.3299, 0.3226



Tritanopia

65.8007, 0.3143, 0.3116

Trichromacy



Original Color

65.7837, 0.3218, 0.3279

Protanomaly

65.7018, 0.3180, 0.3279

Deuteranomaly

65.5038, 0.3267, 0.3236

Tritanomaly

65.8617, 0.3170, 0.3180

Monochromacy



Original Color

65.7837, 0.3218, 0.3279

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4394, 0.3157, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7837, 0.3218, 0.3279 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, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(222, 209, 210)  
}
```

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, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 65.7837, 0.3218, 0.3279 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, 209, 210) }
```

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

```
.border{ border-color:rgb(222, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 209, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 209, 210);  
box-shadow:4px 4px 4px 4px rgb(222, 209,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7837, 0.3218, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 209, 210) }
```

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

```
.background{ background-color: rgb(222,  
209, 210) }
```

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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