

Converting Colors

$Yxy(65.7018, 0.3105, 0.3253)$

Have a look what the booklet for
Yxy(65.7018, 0.3105, 0.3253)
contains.

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Color

Yxy(65.9903, 0.3107, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	D4D4D7
RGB	212, 212, 215
RGB Percent	83%, 83%, 84%
CMY	0.1685, 0.1687, 0.1568
CMYK	0.01, 0.01, 0.00, 0.16
HSL	241°, 4%, 84%
HSV	241°, 1%, 84%
XYZ	62.9705, 65.9903, 73.7121
YIQ	212.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

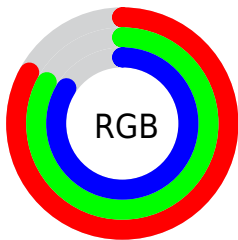
Format	Color
R _{YB}	212, 212, 215
Decimal	13948119
CIE Lab	84.99, 0.57, -1.49
CIE LCh	85, 1.597, 291.091
Yxy	65.9903, 0.3107, 0.3256
Android (android.graphics.Color)	4292138199 (0xFFD4D4D7)
YUV	212.3420, 1.3104, -0.2999
Hunter-Lab	81.2344, -3.7924, 3.0643

Details

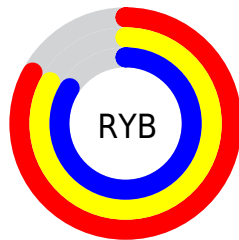
The Yxy color **65.9903, 0.3107, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7975, 0.3147, 0.3324**, and the grayscale version is **66.0749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8201, 0.3100, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **53.0133, 0.2952, 0.2994**, and if you desaturate by 10%, it is **80.8149, 0.3242, 0.3484**.

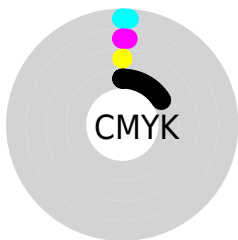
Distribution



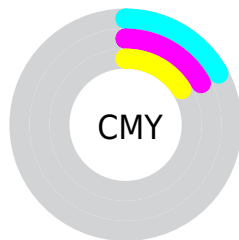
- Red (83%)
- Green (83%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9903, 0.3107, 0.3256 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 65.9903, 0.3107, 0.3256 by changing the saturation by 10% instead.

■ 65.9903, 0.3107,
0.3256

■ 65.9903, 0.3107,
0.3256

446.3422, 0.3117,
0.3272

■ 48.2645, 0.3105,
0.3252

113.4724, 0.3110,
0.3262

■ 34.0364, 0.3102,
0.3248

143.9975, 0.3112,
0.3264

■ 22.9216, 0.3098,
0.3242

179.5579, 0.3113,
0.3266

■ 14.5356, 0.3094,
0.3234

220.5379, 0.3114,
0.3267

■ 8.4941, 0.3087,
0.3223

267.3220, 0.3115,
0.3269

■ 4.4127, 0.3077,
0.3206

320.2944, 0.3115,

■ 1.9070, 0.3061,

0.3270

0.3179

379.8397, 0.3116,
0.3271

0.5526, 0.3000,
0.3074

0.0000, 0.0000,
0.0000

65.9903, 0.3107,
0.3256

65.9903, 0.3107,
0.3256

53.0133, 0.2952,
0.2994

80.8149, 0.3242,
0.3484

41.8034, 0.2775,
0.2699

97.5465, 0.3359,
0.3681

32.2868, 0.2580,
0.2373

97.6867, 0.3363,
0.3681

24.3812, 0.2372,
0.2024

■ 17.9975, 0.2158,
0.1669

■ 13.0380, 0.1953,
0.1331

■ 9.3934, 0.1773,
0.1035

■ 6.9388, 0.1633,
0.0808

■ 5.5254, 0.1544,
0.0665

Harmonies

Analogous

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



65.9903, 0.3093, 0.3260



65.9903, 0.3107, 0.3256



65.9903, 0.3126, 0.3261

Triad

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



65.9903, 0.3107, 0.3256



65.9903, 0.3166, 0.3308



65.9903, 0.3109, 0.3306

Complementary

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



65.9903, 0.3107, 0.3256



67.7975, 0.3147, 0.3324

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.



65.9903, 0.3128, 0.3320



65.9903, 0.3107, 0.3256



65.9903, 0.3161, 0.3320

Square

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



65.9903, 0.3107, 0.3256



65.9903, 0.3160, 0.3291



65.9903, 0.3147, 0.3325



65.9903, 0.3094, 0.3289

Rectangle

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



65.9903, 0.3107, 0.3256



65.9903, 0.3140, 0.3269



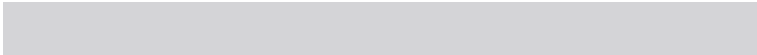
65.9903, 0.3147, 0.3325



65.9903, 0.3115, 0.3312

Sweetspot

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



65.9931, 0.3107, 0.3256

100.0000, 0.3127, 0.3290



67.4812, 0.3105, 0.3289



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



65.9931, 0.3107, 0.3256



95.8513, 0.3098, 0.3241



66.2178, 0.3118, 0.3256



14.1613, 0.3100, 0.3244



2.9541, 0.1506, 0.0603



0.1820, 0.1525, 0.0614

Inverse Universe

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



66.4348, 0.3129, 0.3257



96.7833, 0.3130, 0.3242



67.5708, 0.3136, 0.3324



14.2894, 0.3130, 0.3246



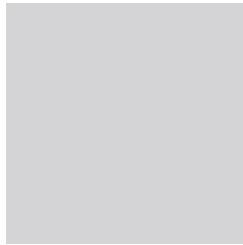
11.4615, 0.3254, 0.1566



0.6925, 0.3245, 0.1561

Previews

White Background



This preview shows how the Yxy color 65.9903, 0.3107, 0.3256 looks on a white background.

Color Contrast Check

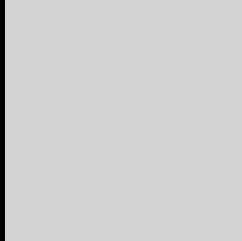
Large Text (above 18pt) WCAG AA × Fail

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 65.9903, 0.3107, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

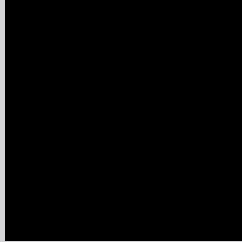
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

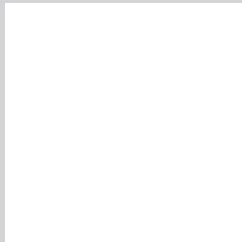
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9903, 0.3107, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 65.9903, 0.3107, 0.3256.

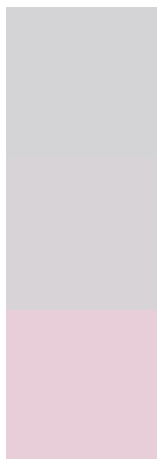


This preview shows how white text looks on a background with the Yxy color 65.9903, 0.3107, 0.3256.

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

65.9903, 0.3107, 0.3256

Protanopia

65.8906, 0.3136, 0.3256

Deuteranopia

66.0894, 0.3246, 0.3182



Tritanopia

65.9354, 0.3041, 0.3102

Trichromacy



Original Color

65.9903, 0.3107, 0.3256

Protanomaly

65.7397, 0.3129, 0.3256

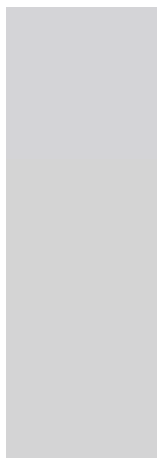
Deuteranomaly

65.9169, 0.3191, 0.3202

Tritanomaly

66.0624, 0.3060, 0.3156

Monochromacy



Original Color

65.9903, 0.3107, 0.3256

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8881, 0.3120, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9903, 0.3107, 0.3256 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(212, 212, 215)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 215)  
}
```

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(212, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.9903, 0.3107, 0.3256 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(212, 212, 215) }
```

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

```
.border{ border-color:rgb(212, 212, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 212, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
215) }
```

Background

The CSS property to change the background color of an element to Yxy 65.9903, 0.3107, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 215) }
```

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

```
.background{ background-color: rgb(212,  
212, 215) }
```

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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