

Converting Colors

$Yxy(65.7238, 0.3033, 0.3110)$

Have a look what the booklet for
Yxy(65.7238, 0.3033, 0.3110)
contains.

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Color

Yxy(65.5812, 0.3033, 0.3112)

Conversions

Conversions Part 1

Format	Color
Hex	D4D2E2
RGB	212, 210, 226
RGB Percent	83%, 82%, 89%
CMY	0.1688, 0.1764, 0.1137
CMYK	0.06, 0.07, 0.00, 0.11
HSL	247°, 22%, 85%
HSV	247°, 7%, 89%
XYZ	63.9164, 65.5812, 81.2389
YIQ	212.4220, -3.9440, 5.4000

Conversions

Conversions Part 2

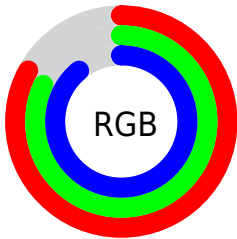
Format	Color
R _Y B	212, 210, 226
Decimal	13947618
CIE Lab	84.78, 3.65, -7.63
CIE LCh	85, 8.461, 295.537
Yxy	65.5812, 0.3033, 0.3112
Android (android.graphics.Color)	4292137698 (0xFFD4D2E2)
YUV	212.4220, 6.6940, -0.3701
Hunter-Lab	80.9822, -0.8352, -2.7904

Details

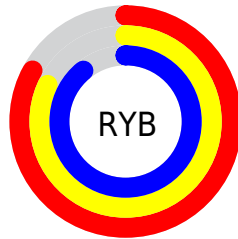
The Yxy color **65.5812, 0.3033, 0.3112** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9018, 0.3218, 0.3463**, and the grayscale version is **66.0883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8853, 0.3003, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **52.4298, 0.2883, 0.2833**, and if you desaturate by 10%, it is **80.6767, 0.3163, 0.3359**.

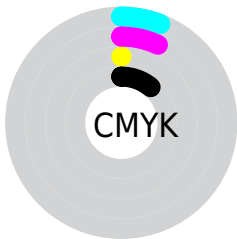
Distribution



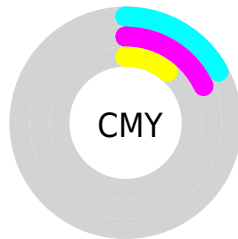
- Red (83%)
- Green (82%)
- Blue (89%)



- Red (83%)
- Yellow (82%)
- Blue (89%)



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



- Cyan (17%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5812, 0.3033, 0.3112 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 65.5812, 0.3033, 0.3112 by changing the saturation by 10% instead.

■ 65.5812, 0.3033,
0.3112

■ 65.5812, 0.3033,
0.3112

444.8776, 0.3078,
0.3195

■ 47.9325, 0.3023,
0.3093

112.8850, 0.3049,
0.3141

■ 33.7734, 0.3009,
0.3069

143.3090, 0.3055,
0.3152

■ 22.7196, 0.2993,
0.3038

178.7601, 0.3060,
0.3162

■ 14.3866, 0.2970,
0.2998

219.6228, 0.3064,
0.3170

■ 8.3900, 0.2939,
0.2943

266.2815, 0.3068,
0.3178

■ 4.3455, 0.2893,
0.2862

319.1207, 0.3072,

■ 1.8687, 0.2817,

0.3184

0.2732

378.5245, 0.3075,
0.3190

0.5294, 0.2645,
0.2364

0.0000, 0.0000,
0.0000

65.5812, 0.3033,
0.3112

65.5812, 0.3033,
0.3112

52.4298, 0.2883,
0.2833

80.6767, 0.3163,
0.3359

41.1354, 0.2714,
0.2525

97.6436, 0.3276,
0.3574

31.6166, 0.2528,
0.2192

98.2709, 0.3298,
0.3572

23.7827, 0.2330,
0.1847

■ 17.5348, 0.2130,
0.1507

■ 12.7641, 0.1939,
0.1195

■ 9.3473, 0.1772,
0.0936

■ 7.1414, 0.1642,
0.0749

■ 5.9629, 0.1557,
0.0643

Harmonies

Analogous

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



65.5812, 0.2955, 0.3124



65.5812, 0.3033, 0.3112



65.5812, 0.3137, 0.3146

Triad

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



65.5812, 0.3033, 0.3112



65.5812, 0.3335, 0.3395



65.5812, 0.3015, 0.3364

Complementary

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



65.5812, 0.3033, 0.3112



74.9018, 0.3218, 0.3463

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.



65.5812, 0.3115, 0.3440



65.5812, 0.3033, 0.3112



65.5812, 0.3301, 0.3457

Square

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



65.5812, 0.3033, 0.3112



65.5812, 0.3313, 0.3308



65.5812, 0.3220, 0.3474



65.5812, 0.2945, 0.3268

Rectangle

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



65.5812, 0.3033, 0.3112



65.5812, 0.3207, 0.3190



65.5812, 0.3220, 0.3474



65.5812, 0.3046, 0.3393

Sweetspot

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



65.5840, 0.3033, 0.3112



95.9493, 0.3101, 0.3241



72.5784, 0.3018, 0.3269



20.5795, 0.3103, 0.3243



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.



65.5840, 0.3033, 0.3112



84.4263, 0.3019, 0.3086



66.7884, 0.3090, 0.3115



13.3227, 0.2999, 0.3049



3.2964, 0.1546, 0.0625



0.2552, 0.1651, 0.0683

Inverse Universe

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



67.6551, 0.3149, 0.3138



87.5091, 0.3152, 0.3117



73.6666, 0.3162, 0.3466



13.9054, 0.3156, 0.3087



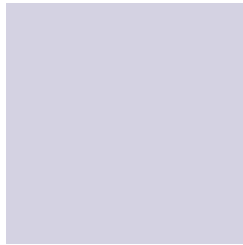
11.5758, 0.3541, 0.1724



0.8106, 0.3482, 0.1692

Previews

White Background



This preview shows how the Yxy color 65.5812, 0.3033, 0.3112 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 65.5812, 0.3033, 0.3112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

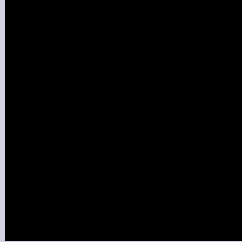
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

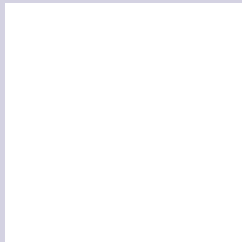
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5812, 0.3033, 0.3112

Background



This preview shows how black text looks on a background with the Yxy color 65.5812, 0.3033, 0.3112.

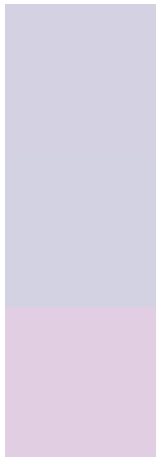


This preview shows how white text looks on a background with the Yxy color 65.5812, 0.3033, 0.3112.

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

65.5812, 0.3033, 0.3112

Protanopia

65.4331, 0.3026, 0.3111

Deuteranopia

65.6962, 0.3123, 0.3063



Tritanopia

65.6363, 0.3027, 0.3101

Trichromacy



Original Color

65.5812, 0.3033, 0.3112

Protanomaly

65.4331, 0.3026, 0.3111

Deuteranomaly

65.3873, 0.3085, 0.3071

Tritanomaly

65.6363, 0.3027, 0.3101

Monochromacy



Original Color

65.5812, 0.3033, 0.3112

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.5953, 0.3094, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5812, 0.3033, 0.3112 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, 210, 226)` looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 226)  
}
```

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, 210, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 226) }
```

Border

The CSS property to change the border of an element to Yxy 65.5812, 0.3033, 0.3112 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, 210, 226) }
```

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

```
.border{ border-color:rgb(212, 210, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5812, 0.3033, 0.3112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 226) }
```

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

```
.background{ background-color: rgb(212,  
210, 226) }
```

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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