

Converting Colors

$Yxy(65.8026, 0.3202, 0.3427)$

Have a look what the booklet for
Yxy(65.8026, 0.3202, 0.3427)
contains.

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Color

Yxy(65.8026, 0.3202, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	D4D5C9
RGB	212, 213, 201
RGB Percent	83%, 84%, 79%
CMY	0.1688, 0.1647, 0.2117
CMYK	0.00, 0.00, 0.06, 0.16
HSL	65°, 13%, 81%
HSV	65°, 6%, 84%
XYZ	61.4823, 65.8026, 64.7273
YIQ	211.3330, 3.2560, -3.9440

Conversions

Conversions Part 2

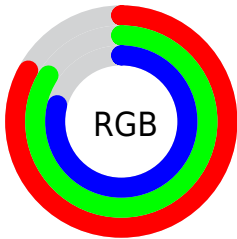
Format	Color
RYB	201, 213, 202
Decimal	13948361
CIELab	84.90, -2.47, 5.79
CIELCh	85, 6.298, 113.126
Yxy	65.8026, 0.3202, 0.3427
Android (android.graphics.Color)	4292138441 (0xFFD4D5C9)
YUV	211.3330, -5.0942, 0.5850
Hunter-Lab	81.1188, -6.6675, 9.4737

Details

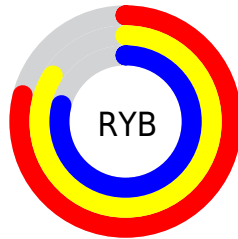
The Yxy color **65.8026, 0.3202, 0.3427** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1502, 0.3050, 0.3150**, and the grayscale version is **65.4050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7284, 0.3217, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **64.5969, 0.3338, 0.3678**, and if you desaturate by 10%, it is **67.1562, 0.3070, 0.3187**.

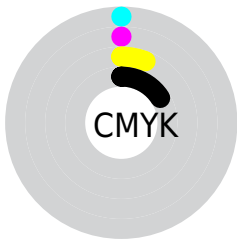
Distribution



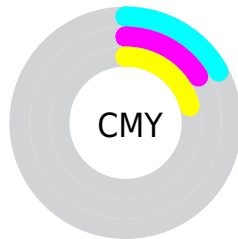
- Red (83%)
- Green (84%)
- Blue (79%)



- Red (79%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8026, 0.3202, 0.3427 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 65.8026, 0.3202, 0.3427 by changing the saturation by 10% instead.

■ 65.8026, 0.3202,
0.3427

■ 65.8026, 0.3202,
0.3427

445.6706, 0.3167,
0.3362

■ 48.1122, 0.3210,
0.3442

113.2030, 0.3190,
0.3404

■ 33.9157, 0.3220,
0.3461

143.6817, 0.3185,
0.3395

■ 22.8289, 0.3233,
0.3486

179.1920, 0.3181,
0.3388

■ 14.4672, 0.3250,
0.3518

220.1182, 0.3177,
0.3381

■ 8.4463, 0.3274,
0.3564

266.8448, 0.3174,
0.3376

■ 4.3818, 0.3309,
0.3632

319.7561, 0.3172,

■ 1.8894, 0.3366,

0.3371

0.3746

379.2366, 0.3169,
0.3366

0.5420, 0.3848,
0.4585

0.0000, 0.0000,
0.0000

65.8026, 0.3202,
0.3427

65.8026, 0.3202,
0.3427

64.5969, 0.3338,
0.3678

67.1562, 0.3070,
0.3187

63.5249, 0.3474,
0.3935

68.6545, 0.2945,
0.2961

62.5832, 0.3606,
0.4189


69.6501, 0.2887,
0.2847


61.7655, 0.3729,
0.4431

69.9372, 0.2900,
0.2849


 61.0644, 0.3838,
0.4651


 70.2277, 0.2912,
0.2851


 60.4722, 0.3925,
0.4840


 70.5213, 0.2925,
0.2852

 59.9799, 0.3989,
0.4989

 70.8182, 0.2937,
0.2854

 59.5772, 0.4027,
0.5094

 71.1183, 0.2950,
0.2856

 59.2514, 0.4039,
0.5156

 71.4217, 0.2963,
0.2857

Harmonies

Analogous

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



65.8026, 0.3260, 0.3412



65.8026, 0.3202, 0.3427



65.8026, 0.3125, 0.3405

Triad

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



65.8026, 0.3202, 0.3427



65.8026, 0.2975, 0.3213



65.8026, 0.3205, 0.3231

Complementary

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



65.8026, 0.3202, 0.3427



59.1502, 0.3050, 0.3150

Split Complementary

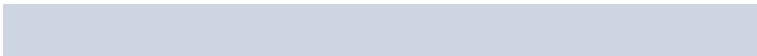
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8026, 0.3128, 0.3179



65.8026, 0.3202, 0.3427



65.8026, 0.2996, 0.3169

Square

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



65.8026, 0.3202, 0.3427



65.8026, 0.2994, 0.3280



65.8026, 0.3052, 0.3157



65.8026, 0.3262, 0.3298

Rectangle

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



65.8026, 0.3202, 0.3427



65.8026, 0.3073, 0.3371



65.8026, 0.3052, 0.3157



65.8026, 0.3181, 0.3211

Sweetspot

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



65.8055, 0.3202, 0.3427



99.5916, 0.3154, 0.3339



60.6140, 0.3220, 0.3302



21.3210, 0.3152, 0.3336



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.



65.8055, 0.3202, 0.3427



98.6092, 0.3221, 0.3463



64.9371, 0.3158, 0.3429



14.5140, 0.3228, 0.3474



36.1323, 0.4042, 0.5173



2.1959, 0.4070, 0.5151

Inverse Universe

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



59.1502, 0.3050, 0.3150



86.1749, 0.3029, 0.3112



59.9971, 0.3095, 0.3152



12.5673, 0.3023, 0.3100



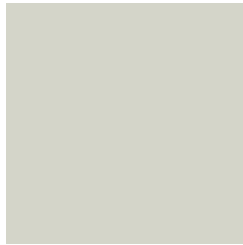
3.0353, 0.1531, 0.0617



0.2014, 0.1620, 0.0666

Previews

White Background



This preview shows how the Yxy color 65.8026, 0.3202, 0.3427 looks on a white background.

Color Contrast Check

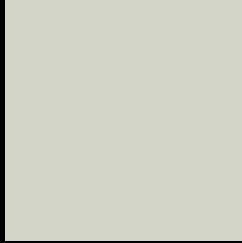
Large Text (above 18pt) WCAG AA × Fail

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 65.8026, 0.3202, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

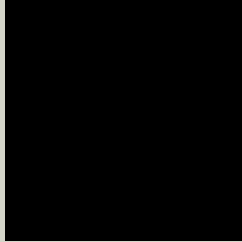
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

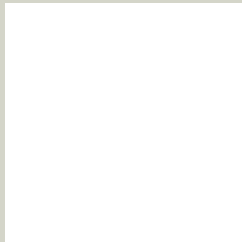
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8026, 0.3202, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 65.8026, 0.3202, 0.3427.

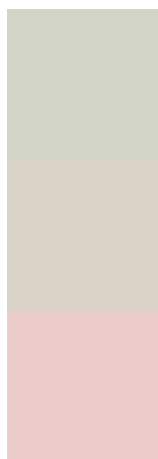


This preview shows how white text looks on a background with the Yxy color 65.8026, 0.3202, 0.3427.

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

65.8026, 0.3202, 0.3427

Protanopia

65.6641, 0.3257, 0.3414

Deuteranopia

65.8073, 0.3383, 0.3312



Tritanopia

65.6908, 0.3062, 0.3102

Trichromacy



Original Color

65.8026, 0.3202, 0.3427

Protanomaly

65.8560, 0.3241, 0.3426

Deuteranomaly

65.7069, 0.3315, 0.3357

Tritanomaly

65.5500, 0.3116, 0.3212

Monochromacy



Original Color

65.8026, 0.3202, 0.3427

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4408, 0.3154, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8026, 0.3202, 0.3427 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, 213, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 201)  
}
```

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, 213, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 201) }
```

Border

The CSS property to change the border of an element to Yxy 65.8026, 0.3202, 0.3427 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, 213, 201) }
```

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

```
.border{ border-color:rgb(212, 213, 201) }
```

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

Here you see how a box with a 4 pixel rgb(212, 213, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8026, 0.3202, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 201) }
```

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

```
.background{ background-color: rgb(212,  
213, 201) }
```

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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