

Converting Colors

$Yxy(68.2815, 0.3193, 0.3437)$

Have a look what the booklet for
Yxy(68.2815, 0.3193, 0.3437)
contains.

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Color

Yxy(68.2815, 0.3193, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9CC
RGB	214, 217, 204
RGB Percent	84%, 85%, 80%
CMY	0.1609, 0.1490, 0.2001
CMYK	0.01, 0.00, 0.06, 0.15
HSL	74°, 15%, 83%
HSV	74°, 6%, 85%
XYZ	63.4340, 68.2815, 66.9504
YIQ	214.6210, 2.3850, -4.6790

Conversions

Conversions Part 2

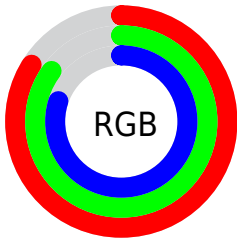
Format	Color
R_{YB}	204, 217, 207
Decimal	14080460
CIE Lab	86.15, -3.34, 6.05
CIE LCh	86, 6.906, 118.914
Yxy	68.2815, 0.3193, 0.3437
Android (android.graphics.Color)	4292270540 (0xFFD6D9CC)
YUV	214.6210, -5.2362, -0.5446
Hunter-Lab	82.6326, -7.5791, 9.8050

Details

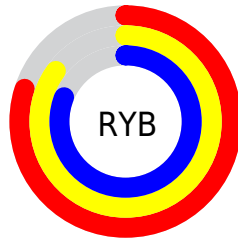
The Yxy color **68.2815, 0.3193, 0.3437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4577, 0.3059, 0.3141**, and the grayscale version is **67.7181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4136, 0.3205, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **66.5625, 0.3304, 0.3693**, and if you desaturate by 10%, it is **70.1753, 0.3084, 0.3196**.

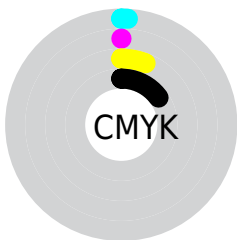
Distribution



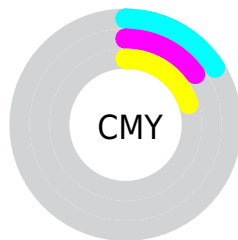
- Red (84%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2815, 0.3193, 0.3437 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 68.2815, 0.3193, 0.3437 by changing the saturation by 10% instead.

■ 68.2815, 0.3193,
0.3437

■ 68.2815, 0.3193,
0.3437

454.4927, 0.3162,
0.3368

■ 50.1268, 0.3200,
0.3453

116.7548, 0.3182,
0.3413

■ 35.5141, 0.3209,
0.3473

147.8421, 0.3178,
0.3403

■ 24.0592, 0.3220,
0.3499

184.0091, 0.3175,
0.3395

■ 15.3775, 0.3234,
0.3533

225.6401, 0.3172,
0.3388

■ 9.0848, 0.3254,
0.3581

273.1196, 0.3169,
0.3382

■ 4.7965, 0.3283,
0.3652

326.8320, 0.3166,

■ 2.1284, 0.3329,

0.3377

387.1615, 0.3164,
0.3372

0.3769

0.6805, 0.3614,
0.4351

0.0000, 0.0000,
0.0000

68.2815, 0.3193,
0.3437

68.2815, 0.3193,
0.3437

66.5625, 0.3304,
0.3693

70.1753, 0.3084,
0.3196

65.0033, 0.3415,
0.3959


72.2410, 0.2980,
0.2971


63.6002, 0.3520,
0.4228


73.5461, 0.2967,
0.2900


62.3462, 0.3616,
0.4491

74.3949, 0.3001,
0.2904


 61.2336, 0.3697,
0.4737

 75.2683, 0.3036,
0.2908


 60.2537, 0.3757,
0.4955

 76.1666, 0.3071,
0.2912


 59.3972, 0.3794,
0.5134

 77.0899, 0.3106,
0.2916

 58.6527, 0.3804,
0.5267

 78.0385, 0.3142,
0.2920

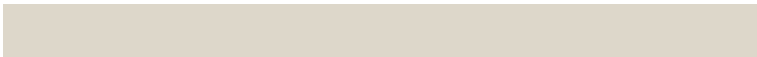
 58.0065, 0.3790,
0.5353

 78.1146, 0.3144,
0.2920

Harmonies

Analogous

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



68.2815, 0.3261, 0.3428



68.2815, 0.3193, 0.3437



68.2815, 0.3108, 0.3405

Triad

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



68.2815, 0.3193, 0.3437



68.2815, 0.2964, 0.3195



68.2815, 0.3226, 0.3239

Complementary

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



68.2815, 0.3193, 0.3437



61.4577, 0.3059, 0.3141

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.



68.2815, 0.3145, 0.3179



68.2815, 0.3193, 0.3437



68.2815, 0.2994, 0.3153

Square

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



68.2815, 0.3193, 0.3437



68.2815, 0.2976, 0.3264



68.2815, 0.3060, 0.3148



68.2815, 0.3281, 0.3313

Rectangle

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



68.2815, 0.3193, 0.3437



68.2815, 0.3053, 0.3365



68.2815, 0.3060, 0.3148



68.2815, 0.3201, 0.3217

Sweetspot

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



68.2845, 0.3193, 0.3437



99.4502, 0.3149, 0.3339



63.7500, 0.3225, 0.3325



21.2922, 0.3148, 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.



68.2845, 0.3193, 0.3437



98.1195, 0.3205, 0.3463



67.3248, 0.3145, 0.3439



15.1766, 0.3210, 0.3476



35.0125, 0.3787, 0.5375



2.3063, 0.3856, 0.5320

Inverse Universe

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



61.4577, 0.3059, 0.3141



86.6337, 0.3046, 0.3113



62.4148, 0.3108, 0.3143



13.2813, 0.3040, 0.3101



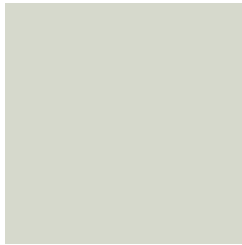
3.4955, 0.1633, 0.0673



0.2659, 0.1796, 0.0763

Previews

White Background



This preview shows how the Yxy color 68.2815, 0.3193, 0.3437 looks on a white background.

Color Contrast Check

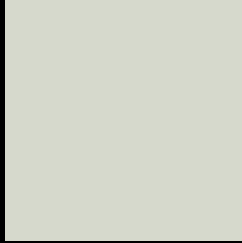
Large Text (above 18pt) WCAG AA × Fail

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 68.2815, 0.3193, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

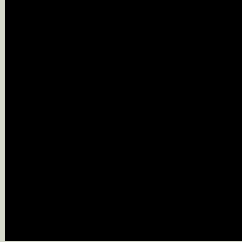
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

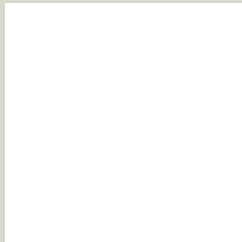
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2815, 0.3193, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 68.2815, 0.3193, 0.3437.

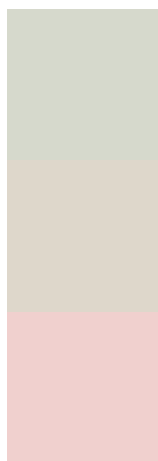


This preview shows how white text looks on a background with the Yxy color 68.2815, 0.3193, 0.3437.

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

68.2815, 0.3193, 0.3437

Protanopia

68.4423, 0.3262, 0.3423

Deuteranopia

68.0932, 0.3387, 0.3312



Tritanopia

68.2071, 0.3049, 0.3105

Trichromacy



Original Color

68.2815, 0.3193, 0.3437

Protanomaly

68.4836, 0.3238, 0.3435

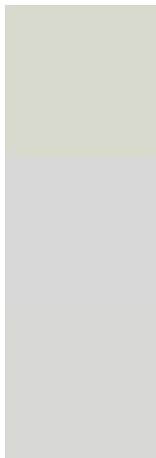
Deuteranomaly

67.9852, 0.3320, 0.3356

Tritanomaly

68.0653, 0.3102, 0.3213

Monochromacy



Original Color

68.2815, 0.3193, 0.3437

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.2620, 0.3154, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2815, 0.3193, 0.3437 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(214, 217, 204) looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 204)  
}
```

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(214, 217, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 204) }
```

Border

The CSS property to change the border of an element to Yxy 68.2815, 0.3193, 0.3437 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(214, 217, 204) }
```

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

```
.border{ border-color:rgb(214, 217, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 217, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 204);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2815, 0.3193, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 204) }
```

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

```
.background{ background-color: rgb(214,  
217, 204) }
```

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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