

Converting Colors

Yxy(65.0619, 0.3123, 0.3193)

Have a look what the booklet for
Yxy(65.0619, 0.3123, 0.3193)
contains.

Yxy(65.2096, 0.3124, 0.3201) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(65.2096, 0.3124, 0.3201)

Conversions

Conversions Part 1	
Format	Color
Hex	D8D1D9
RGB	216, 209, 217
RGB Percent	85%, 82%, 85%
CMY	0.1530, 0.1804, 0.1491
CMYK	0.00, 0.04, 0.00, 0.15
HSL	293°, 9%, 84%
HSV	293°, 4%, 85%
XYZ	63.6410, 65.2096, 74.8658
YIQ	212.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

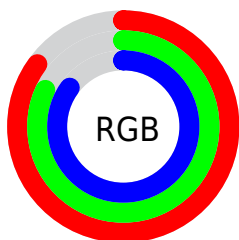
Format	Color
RYB	216, 209, 217
Decimal	14209497
CIELab	84.59, 3.84, -3.09
CIELCh	85, 4.929, 321.170
Yxy	65.2096, 0.3124, 0.3201
Android (android.graphics.Color)	4292399577 (0xFFD8D1D9)
YUV	212.0050, 2.4625, 3.5036
Hunter-Lab	80.7525, -0.6410, 1.5589

Details

The Yxy color `65.2096, 0.3124, 0.3201` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `67.9217, 0.3130, 0.3380`, and the grayscale version is `65.8251, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `33.6284, 0.3122, 0.3187` is the 20% darker color. If you saturate the color by 10%, you get `54.8745, 0.3113, 0.2951`, and if you desaturate by 10%, it is `77.0070, 0.3132, 0.3439`.

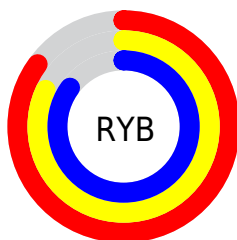
Distribution



Red (85%)

Green (82%)

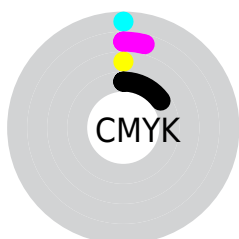
Blue (85%)



Red (85%)

Yellow (82%)

Blue (85%)

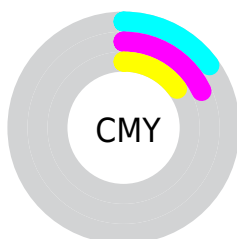


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2096, 0.3124, 0.3201 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 65.2096, 0.3124, 0.3201 by changing the saturation by 10% instead.


 65.2096, 0.3124,
0.3201

 65.2096, 0.3124,
0.3201


443.5448, 0.3126,
0.3243

 47.6311, 0.3124,
0.3191


112.3511, 0.3125,
0.3216

 33.5348, 0.3123,
0.3179


142.6829, 0.3125,
0.3221

 22.5365, 0.3122,
0.3164


178.0346, 0.3125,
0.3226

 14.2516, 0.3121,
0.3143

218.7905, 0.3125,
0.3230

 8.2959, 0.3120,
0.3115

265.3351, 0.3125,
0.3234

 4.2848, 0.3118,
0.3073


318.0528, 0.3125,


 1.8341, 0.3113,


0.3237


0.3005


377.3279, 0.3126,
0.3240


 0.5083, 0.3110,
0.2741


 0.0000, 0.0000,
0.0000


 65.2096, 0.3124,
0.3201


 65.2096, 0.3124,
0.3201


 54.8745, 0.3113,
0.2951


 77.0070, 0.3132,
0.3439


 45.9350, 0.3100,
0.2694


 90.3133, 0.3137,
0.3661

 38.3319, 0.3082,
0.2437


 92.3833, 0.3152,
0.3685


 31.9981, 0.3061,
0.2189


 92.8154, 0.3169,
0.3683


 26.8611, 0.3037,
0.1959

 93.2542, 0.3186,
0.3681


 22.8408, 0.3009,
0.1758

 93.6999, 0.3203,
0.3679


 19.8473, 0.2980,
0.1595

 94.1525, 0.3220,
0.3677

 17.7767, 0.2948,
0.1475

 94.6120, 0.3238,
0.3675

 16.5034, 0.2916,
0.1400

 95.0783, 0.3255,
0.3673

Harmonies

Analogous

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



65.2096, 0.3064, 0.3185



65.2096, 0.3124, 0.3201



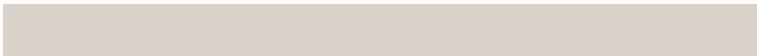
65.2096, 0.3185, 0.3240

Triad

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



65.2096, 0.3124, 0.3201



65.2096, 0.3233, 0.3384



65.2096, 0.3025, 0.3286

Complementary

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



65.2096, 0.3124, 0.3201



67.9217, 0.3130, 0.3380

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.



65.2096, 0.3069, 0.3341



65.2096, 0.3124, 0.3201



65.2096, 0.3190, 0.3397

Square

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



65.2096, 0.3124, 0.3201



65.2096, 0.3248, 0.3346



65.2096, 0.3130, 0.3382



65.2096, 0.3008, 0.3233

Rectangle

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



65.2096, 0.3124, 0.3201



65.2096, 0.3218, 0.3275



65.2096, 0.3130, 0.3382



65.2096, 0.3037, 0.3305

Sweetspot

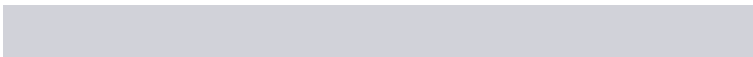
The Sweet Spot groups the original color and five complimentary colors.



65.2124, 0.3124, 0.3201



98.3240, 0.3126, 0.3266



64.6939, 0.3072, 0.3212



21.0631, 0.3126, 0.3267



0.0000, 0.0000, 0.0000



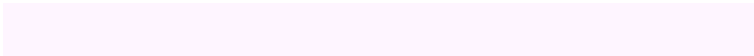
21.4041, 0.3127, 0.3290

Same Dimension

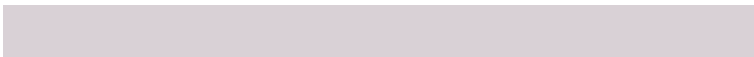
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.2124, 0.3124, 0.3201



93.4255, 0.3124, 0.3192



65.2122, 0.3152, 0.3234



14.3020, 0.3123, 0.3175



9.7046, 0.2901, 0.1372



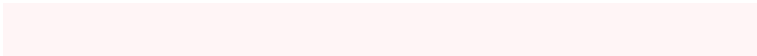
0.6521, 0.2954, 0.1401

Inverse Universe

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



65.0070, 0.3180, 0.3279



93.1014, 0.3186, 0.3278



67.9237, 0.3103, 0.3347



14.2437, 0.3196, 0.3276



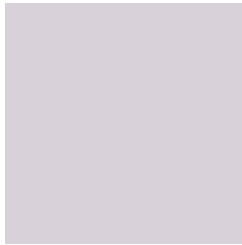
8.9857, 0.6238, 0.3210



0.5910, 0.5883, 0.3014

Previews

White Background



This preview shows how the Yxy color 65.2096, 0.3124, 0.3201 looks on a white background.

Color Contrast Check

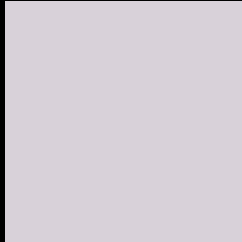
Large Text (above 18pt) WCAG AA × Fail

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 65.2096, 0.3124, 0.3201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

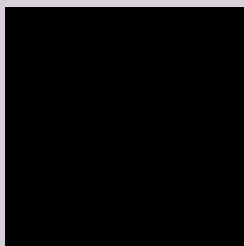
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

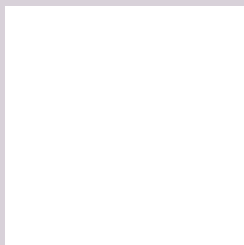
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2096, 0.3124, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 65.2096, 0.3124, 0.3201.

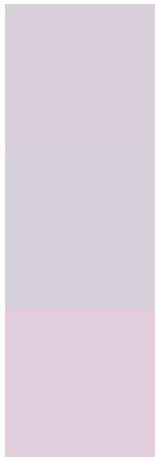


This preview shows how white text looks on a background with the Yxy color 65.2096, 0.3124, 0.3201.

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

65.2096, 0.3124, 0.3201

Protanopia

65.3013, 0.3094, 0.3200

Deuteranopia

65.2186, 0.3210, 0.3149



Tritanopia

65.2453, 0.3084, 0.3113

Trichromacy



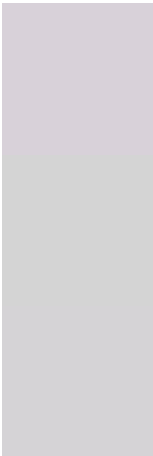
Original Color
65.2096, 0.3124, 0.3201

Protanomaly
65.4513, 0.3102, 0.3200

Deuteranomaly
65.0519, 0.3179, 0.3159

Tritanomaly
65.0839, 0.3104, 0.3146

Monochromacy



Original Color
65.2096, 0.3124, 0.3201

Achromatopsia
65.8375, 0.3127, 0.3290

Achromatomaly
65.5897, 0.3121, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2096, 0.3124, 0.3201 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(216, 209, 217) looks like.

```
.text, #text, p{  
    color:rgb(216, 209, 217)  
}
```

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(216, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 209, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.2096, 0.3124, 0.3201 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(216, 209, 217) }
```

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

```
.border{ border-color:rgb(216, 209, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 209, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 209,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2096, 0.3124, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 209, 217) }
```

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

```
.background{ background-color: rgb(216,  
209, 217) }
```

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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