

Converting Colors

Yxy(66.1639, 0.3174, 0.3246)

Have a look what the booklet for
Yxy(66.1639, 0.3174, 0.3246)
contains.

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Color

Yxy(66.1639, 0.3174, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	DCD2D6
RGB	220, 210, 214
RGB Percent	86%, 82%, 84%
CMY	0.1373, 0.1764, 0.1608
CMYK	0.00, 0.05, 0.03, 0.14
HSL	336°, 12%, 84%
HSV	336°, 5%, 86%
XYZ	64.6963, 66.1639, 72.9719
YIQ	213.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

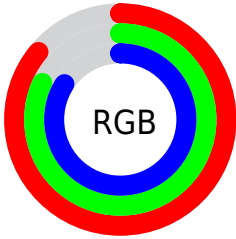
Format	Color
R _Y B	220, 210, 214
Decimal	14471894
CIE Lab	85.08, 4.14, -0.75
CIE LCh	85, 4.206, 349.767
Yxy	66.1639, 0.3174, 0.3246
Android (android.graphics.Color)	4292661974 (0xFFDCD2D6)
YUV	213.4460, 0.2731, 5.7479
Hunter-Lab	81.3412, -0.3736, 3.7493

Details

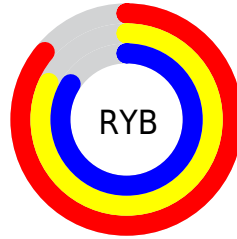
The Yxy color **66.1639, 0.3174, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8440, 0.3083, 0.3334**, and the grayscale version is **66.8502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2795, 0.3188, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **55.3911, 0.3293, 0.3145**, and if you desaturate by 10%, it is **78.4905, 0.3076, 0.3341**.

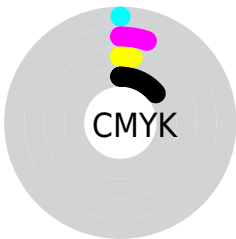
Distribution



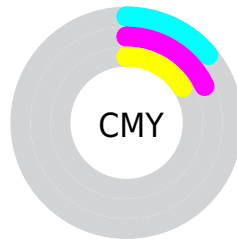
- Red (86%)
- Green (82%)
- Blue (84%)



- Red (86%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1639, 0.3174, 0.3246 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 66.1639, 0.3174, 0.3246 by changing the saturation by 10% instead.

■ 66.1639, 0.3174,
0.3246

■ 66.1639, 0.3174,
0.3246

446.9628, 0.3152,
0.3267

■ 48.4055, 0.3179,
0.3241

113.7215, 0.3166,
0.3253

■ 34.1481, 0.3185,
0.3235

144.2895, 0.3163,
0.3256

■ 23.0074, 0.3194,
0.3227

179.8962, 0.3161,
0.3258

■ 14.5990, 0.3204,
0.3217

220.9259, 0.3159,
0.3261

■ 8.5384, 0.3220,
0.3203

267.7630, 0.3157,
0.3262

■ 4.4414, 0.3242,
0.3182

320.7919, 0.3155,

■ 1.9234, 0.3278,

0.3264

0.3148

380.3970, 0.3153,
0.3265

0.5624, 0.3412,
0.3019

0.0000, 0.0000,
0.0000

66.1639, 0.3174,
0.3246

66.1639, 0.3174,
0.3246

55.3911, 0.3293,
0.3145

78.4905, 0.3076,
0.3341

46.1017, 0.3439,
0.3038

92.4207, 0.2996,
0.3429

38.2326, 0.3614,
0.2930

93.8691, 0.2924,
0.3303

31.7127, 0.3823,
0.2825

93.9545, 0.2917,
0.3289

■ 26.4649, 0.4068,
0.2732

■ 22.4041, 0.4347,
0.2662

■ 19.4346, 0.4649,
0.2626

■ 17.4459, 0.4961,
0.2638

■ 16.3031, 0.5258,
0.2704

Harmonies

Analogous

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



66.1639, 0.3122, 0.3213



66.1639, 0.3174, 0.3246



66.1639, 0.3214, 0.3291

Triad

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



66.1639, 0.3174, 0.3246



66.1639, 0.3182, 0.3381



66.1639, 0.3026, 0.3244

Complementary

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



66.1639, 0.3174, 0.3246



69.8440, 0.3083, 0.3334

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.



66.1639, 0.3042, 0.3289



66.1639, 0.3174, 0.3246



66.1639, 0.3132, 0.3369

Square

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



66.1639, 0.3174, 0.3246



66.1639, 0.3218, 0.3369



66.1639, 0.3080, 0.3335



66.1639, 0.3037, 0.3211

Rectangle

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



66.1639, 0.3174, 0.3246



66.1639, 0.3227, 0.3321



66.1639, 0.3080, 0.3335



66.1639, 0.3028, 0.3258

Sweetspot

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



66.1668, 0.3174, 0.3246



98.2854, 0.3137, 0.3280



65.8635, 0.3103, 0.3179



21.0552, 0.3137, 0.3281



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.



66.1668, 0.3174, 0.3246



91.6492, 0.3179, 0.3241



66.4604, 0.3201, 0.3301



14.0415, 0.3186, 0.3235



9.3614, 0.5372, 0.2733



0.6232, 0.4940, 0.2495

Inverse Universe

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



66.1668, 0.3174, 0.3246



91.6492, 0.3179, 0.3241



69.5300, 0.3057, 0.3279



14.0415, 0.3186, 0.3235



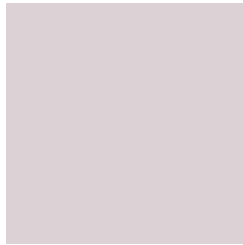
9.3614, 0.5372, 0.2733



0.6232, 0.4940, 0.2495

Previews

White Background



This preview shows how the Yxy color 66.1639, 0.3174, 0.3246 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 66.1639, 0.3174, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

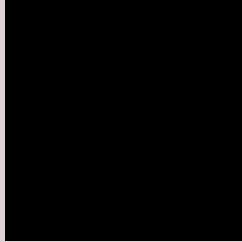
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

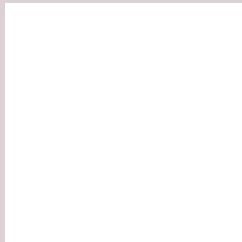
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1639, 0.3174, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 66.1639, 0.3174, 0.3246.

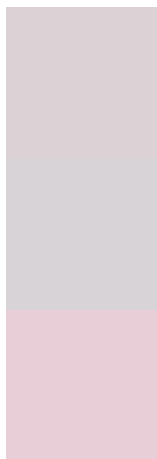


This preview shows how white text looks on a background with the Yxy color 66.1639, 0.3174, 0.3246.

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

66.1639, 0.3174, 0.3246

Protanopia

65.9419, 0.3129, 0.3245

Deuteranopia

66.2047, 0.3261, 0.3193



Tritanopia

66.0776, 0.3114, 0.3105

Trichromacy



Original Color

66.1639, 0.3174, 0.3246

Protanomaly

66.2465, 0.3144, 0.3246

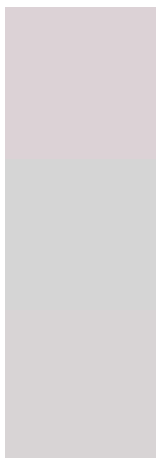
Deuteranomaly

66.0259, 0.3230, 0.3203

Tritanomaly

66.1935, 0.3133, 0.3158

Monochromacy



Original Color

66.1639, 0.3174, 0.3246

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4900, 0.3150, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1639, 0.3174, 0.3246 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(220, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 210, 214)  
}
```

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(220, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.1639, 0.3174, 0.3246 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(220, 210, 214) }
```

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

```
.border{ border-color:rgb(220, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 210,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1639, 0.3174, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 210, 214) }
```

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

```
.background{ background-color: rgb(220,  
210, 214) }
```

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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