

Converting Colors

$Y_{xy}(60.6272, 0.3175, 0.3113)$

Have a look what the booklet for
Yxy(60.6272, 0.3175, 0.3113)
contains.

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Color

Yxy(60.7620, 0.3174, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7D6
RGB	219, 199, 214
RGB Percent	86%, 78%, 84%
CMY	0.1412, 0.2196, 0.1608
CMYK	0.00, 0.09, 0.02, 0.14
HSL	315°, 22%, 82%
HSV	315°, 9%, 86%
XYZ	61.7741, 60.7620, 72.0892
YIQ	206.6900, 7.1050, 8.9050

Conversions

Conversions Part 2

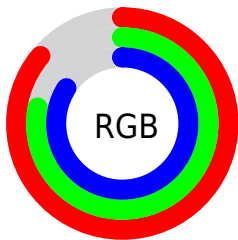
Format	Color
R _Y B	219, 199, 214
Decimal	14403542
CIE Lab	82.25, 9.61, -4.92
CIE LCh	82, 10.795, 332.905
Yxy	60.7620, 0.3174, 0.3122
Android (android.graphics.Color)	4292593622 (0xFFDBC7D6)
YUV	206.6900, 3.6038, 10.7959
Hunter-Lab	77.9500, 5.0458, -0.2672

Details

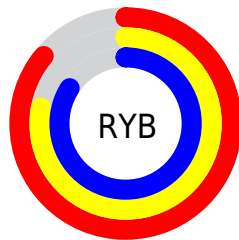
The Yxy color $60.7620, 0.3174, 0.3122$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.1662, 0.3083, 0.3464$, and the grayscale version is $62.1615, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.6465, 0.3189, 0.3084$ is the 20% darker color. If you saturate the color by 10%, you get $51.1260, 0.3234, 0.2931$, and if you desaturate by 10%, it is $71.8630, 0.3123, 0.3306$.

Distribution



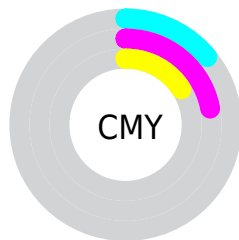
- Red (86%)
- Green (78%)
- Blue (84%)



- Red (86%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7620, 0.3174, 0.3122 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 60.7620, 0.3174, 0.3122 by changing the saturation by 10% instead.

60.7620, 0.3174,
0.3122

60.7620, 0.3174,
0.3122

427.4008, 0.3152,
0.3201

44.0331, 0.3179,
0.3103

105.9343, 0.3166,
0.3150

30.6965, 0.3185,
0.3080

135.1464, 0.3163,
0.3161

20.3679, 0.3193,
0.3051

169.2885, 0.3161,
0.3170

12.6627, 0.3204,
0.3012

208.7448, 0.3159,
0.3178

7.1967, 0.3218,
0.2957

253.8998, 0.3157,
0.3185

3.5854, 0.3240,
0.2876

305.1379, 0.3155,

1.4445, 0.3273,

0.3191

0.2742

362.8434, 0.3154,
0.3196

0.2492, 0.3530,
0.1865

0.0000, 0.0000,
0.0000

60.7620, 0.3174,
0.3122

60.7620, 0.3174,
0.3122

51.1260, 0.3234,
0.2931

71.8630, 0.3123,
0.3306

42.8852, 0.3302,
0.2736

84.4790, 0.3080,
0.3479

35.9762, 0.3381,
0.2545

92.3177, 0.3045,
0.3544

30.3274, 0.3468,
0.2365

92.6311, 0.3015,
0.3487

■ 25.8604, 0.3563,
0.2206

■ 92.9543, 0.2985,
0.3429

■ 22.4884, 0.3663,
0.2080

■ 93.2874, 0.2955,
0.3372

■ 20.1121, 0.3765,
0.1994

■ 93.6304, 0.2926,
0.3316

■ 18.6143, 0.3867,
0.1955

■ 93.8002, 0.2911,
0.3289

■ 17.8071, 0.3965,
0.1961

Harmonies

Analogous

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



60.7620, 0.3035, 0.3064



60.7620, 0.3174, 0.3122



60.7620, 0.3303, 0.3222

Triad

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



60.7620, 0.3174, 0.3122



60.7620, 0.3333, 0.3520



60.7620, 0.2877, 0.3229

Complementary

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



60.7620, 0.3174, 0.3122



67.1662, 0.3083, 0.3464

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.



60.7620, 0.2953, 0.3357



60.7620, 0.3174, 0.3122



60.7620, 0.3216, 0.3528

Square

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



60.7620, 0.3174, 0.3122



60.7620, 0.3396, 0.3451



60.7620, 0.3076, 0.3467



60.7620, 0.2866, 0.3122

Rectangle

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



60.7620, 0.3174, 0.3122



60.7620, 0.3364, 0.3302



60.7620, 0.3076, 0.3467



60.7620, 0.2895, 0.3271

Sweetspot

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



60.7646, 0.3174, 0.3122



95.0932, 0.3142, 0.3235



58.8020, 0.3023, 0.3059



20.0802, 0.3146, 0.3220



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.



60.7646, 0.3174, 0.3122



82.9471, 0.3185, 0.3085



60.2695, 0.3248, 0.3234



13.2163, 0.3176, 0.3116



10.5423, 0.3959, 0.1955



0.6964, 0.3811, 0.1873

Inverse Universe

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



60.7646, 0.3174, 0.3122



82.9471, 0.3185, 0.3085



67.6614, 0.3019, 0.3347



13.2163, 0.3176, 0.3116



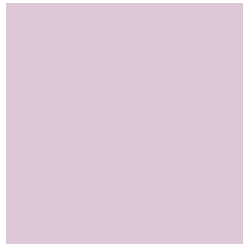
10.5423, 0.3959, 0.1955



0.6964, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 60.7620, 0.3174, 0.3122 looks on a white background.

Color Contrast Check

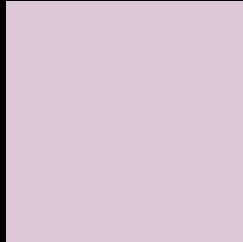
Large Text (above 18pt) WCAG AA × Fail

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 60.7620, 0.3174, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

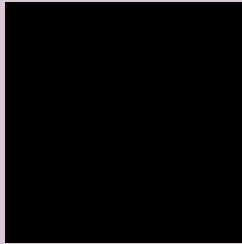
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7620, 0.3174, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 60.7620, 0.3174, 0.3122.



This preview shows how white text looks on a background with the Yxy color 60.7620, 0.3174, 0.3122.

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

60.7620, 0.3174, 0.3122

Protanopia

60.7008, 0.3044, 0.3129

Deuteranopia

60.9175, 0.3182, 0.3122



Tritanopia

60.8132, 0.3167, 0.3111

Trichromacy



Original Color

60.7620, 0.3174, 0.3122

Protanomaly

60.9006, 0.3089, 0.3130

Deuteranomaly

60.9175, 0.3182, 0.3122

Tritanomaly

60.8132, 0.3167, 0.3111

Monochromacy



Original Color

60.7620, 0.3174, 0.3122

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6878, 0.3138, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7620, 0.3174, 0.3122 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(219, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 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(219, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.7620, 0.3174, 0.3122 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(219, 199, 214) }
```

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

```
.border{ border-color:rgb(219, 199, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7620, 0.3174, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 214) }
```

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

```
.background{ background-color: rgb(219,  
199, 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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