

Converting Colors

Yxy(62.7944, 0.3126, 0.3144)

Have a look what the booklet for
Yxy(62.7944, 0.3126, 0.3144)
contains.

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Color

Yxy(62.7944, 0.3126, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	D8CCD9
RGB	216, 204, 217
RGB Percent	85%, 80%, 85%
CMY	0.1530, 0.2000, 0.1489
CMYK	0.00, 0.06, 0.00, 0.15
HSL	295°, 15%, 83%
HSV	295°, 6%, 85%
XYZ	62.4349, 62.7944, 74.4984
YIQ	209.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

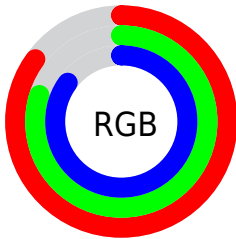
Format	Color
RYP	216, 204, 217
Decimal	14208217
CIELab	83.33, 6.48, -4.97
CIElCh	83, 8.165, 322.512
Yxy	62.7944, 0.3126, 0.3144
Android (android.graphics.Color)	4292398297 (0xFFD8CCD9)
YUV	209.0700, 3.9095, 6.0776
Hunter-Lab	79.2429, 1.9637, -0.2701

Details

The Yxy color **62.7944, 0.3126, 0.3144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9920, 0.3128, 0.3440**, and the grayscale version is **63.7821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9984, 0.3125, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **52.9220, 0.3123, 0.2893**, and if you desaturate by 10%, it is **74.1127, 0.3128, 0.3385**.

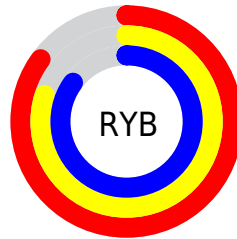
Distribution



Red (85%)

Green (80%)

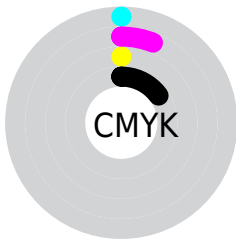
Blue (85%)



Red (85%)

Yellow (80%)

Blue (85%)

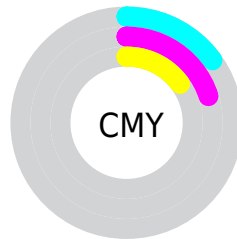


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (20%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7944, 0.3126, 0.3144 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 62.7944, 0.3126, 0.3144 by changing the saturation by 10% instead.

■ 62.7944, 0.3126,
0.3144

■ 62.7944, 0.3126,
0.3144

434.8229, 0.3127,
0.3213

■ 45.6749, 0.3126,
0.3128

108.8728, 0.3126,
0.3168

■ 31.9894, 0.3125,
0.3108

138.6006, 0.3127,
0.3177

■ 21.3534, 0.3125,
0.3083

173.2998, 0.3127,
0.3185

■ 13.3825, 0.3124,
0.3049

213.3550, 0.3127,
0.3192

■ 7.6925, 0.3122,
0.3002

259.1505, 0.3127,
0.3198

■ 3.8988, 0.3119,
0.2933

311.0708, 0.3127,

■ 1.6171, 0.3113,

0.3204

0.2820

369.5001, 0.3127,
0.3208

0.3691, 0.3128,
0.2268

0.0000, 0.0000,
0.0000

62.7944, 0.3126,
0.3144

62.7944, 0.3126,
0.3144

52.9220, 0.3123,
0.2893

74.1127, 0.3128,
0.3385

44.4282, 0.3117,
0.2638

86.9245, 0.3128,
0.3612

37.2526, 0.3109,
0.2387

91.9437, 0.3135,
0.3686

31.3271, 0.3098,
0.2148

92.2215, 0.3146,
0.3685

■ 26.5773, 0.3085,
0.1932

■ 92.5023, 0.3157,
0.3684

■ 22.9213, 0.3070,
0.1748

■ 92.7859, 0.3168,
0.3682

■ 20.2662, 0.3052,
0.1603

■ 93.0725, 0.3179,
0.3681

■ 18.5041, 0.3033,
0.1503

■ 93.3620, 0.3190,
0.3680

■ 17.5008, 0.3013,
0.1445

■ 93.6545, 0.3201,
0.3678

Harmonies

Analogous

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



62.7944, 0.3026, 0.3115



62.7944, 0.3126, 0.3144



62.7944, 0.3228, 0.3211

Triad

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



62.7944, 0.3126, 0.3144



62.7944, 0.3303, 0.3449



62.7944, 0.2954, 0.3278

Complementary

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



62.7944, 0.3126, 0.3144



66.9920, 0.3128, 0.3440

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.



62.7944, 0.3026, 0.3371



62.7944, 0.3126, 0.3144



62.7944, 0.3227, 0.3471

Square

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



62.7944, 0.3126, 0.3144



62.7944, 0.3331, 0.3385



62.7944, 0.3126, 0.3443



62.7944, 0.2928, 0.3190

Rectangle

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



62.7944, 0.3126, 0.3144



62.7944, 0.3283, 0.3268



62.7944, 0.3126, 0.3443



62.7944, 0.2973, 0.3310

Sweetspot

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



62.7971, 0.3126, 0.3144



96.7108, 0.3127, 0.3241



61.5577, 0.3036, 0.3152



20.7345, 0.3127, 0.3244



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.



62.7971, 0.3126, 0.3144



88.8621, 0.3126, 0.3118



62.6804, 0.3173, 0.3205



13.6492, 0.3126, 0.3106



10.4397, 0.3007, 0.1430



0.6926, 0.3042, 0.1450

Inverse Universe

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



62.3576, 0.3220, 0.3278



88.1234, 0.3238, 0.3276



67.1074, 0.3084, 0.3377



13.5274, 0.3246, 0.3275



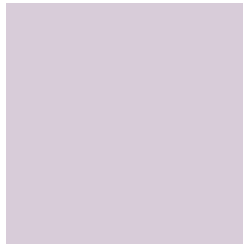
8.9617, 0.6307, 0.3248



0.5867, 0.6048, 0.3106

Previews

White Background



This preview shows how the Yxy color 62.7944, 0.3126, 0.3144 looks on a white background.

Color Contrast Check

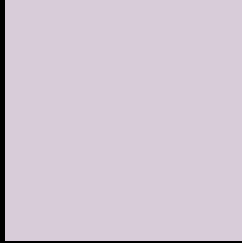
Large Text (above 18pt) WCAG AA × Fail

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 62.7944, 0.3126, 0.3144 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

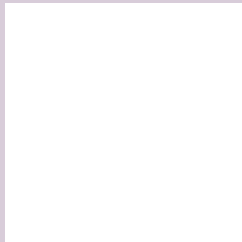
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7944, 0.3126, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 62.7944, 0.3126, 0.3144.

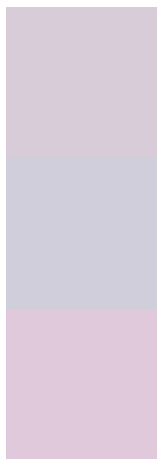


This preview shows how white text looks on a background with the Yxy color 62.7944, 0.3126, 0.3144.

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

62.7944, 0.3126, 0.3144

Protanopia

62.6145, 0.3059, 0.3153

Deuteranopia

62.5232, 0.3174, 0.3103



Tritanopia

62.9520, 0.3105, 0.3111

Trichromacy



Original Color

62.7944, 0.3126, 0.3144

Protanomaly

62.5735, 0.3081, 0.3143

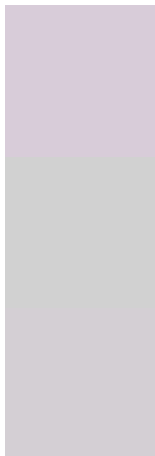
Deuteranomaly

62.5187, 0.3151, 0.3112

Tritanomaly

62.8991, 0.3112, 0.3122

Monochromacy



Original Color

62.7944, 0.3126, 0.3144

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.3762, 0.3130, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7944, 0.3126, 0.3144 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, 204, 217) looks like.

```
.text, #text, p{  
    color:rgb(216, 204, 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, 204, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 204, 217) }
```

Border

The CSS property to change the border of an element to Yxy 62.7944, 0.3126, 0.3144 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, 204, 217) }
```

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

```
.border{ border-color:rgb(216, 204, 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, 204, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 204, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 204, 217);  
box-shadow:4px 4px 4px 4px rgb(216, 204,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7944, 0.3126, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 204, 217) }
```

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

```
.background{ background-color: rgb(216,  
204, 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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