

Converting Colors

Yxy(60.1578, 0.3146, 0.3108)

Have a look what the booklet for
Yxy(60.1578, 0.3146, 0.3108)
contains.

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Color

Yxy(60.3521, 0.3143, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	D8C7D7
RGB	216, 199, 215
RGB Percent	85%, 78%, 84%
CMY	0.1532, 0.2195, 0.1569
CMYK	0.00, 0.08, 0.00, 0.15
HSL	303°, 18%, 81%
HSV	303°, 8%, 85%
XYZ	60.9925, 60.3521, 72.7136
YIQ	205.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

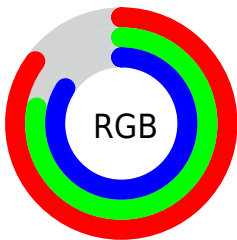
Format	Color
R _Y B	216, 199, 215
Decimal	14206935
CIE Lab	82.03, 8.73, -5.80
CIE LCh	82, 10.482, 326.400
Yxy	60.3521, 0.3143, 0.3110
Android (android.graphics.Color)	4292397015 (0xFFD8C7D7)
YUV	205.9070, 4.4828, 8.8516
Hunter-Lab	77.6866, 4.1905, -1.1140

Details

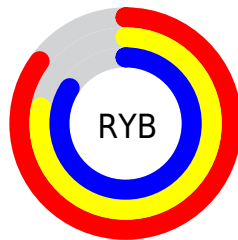
The Yxy color `60.3521, 0.3143, 0.3110` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `65.3951, 0.3111, 0.3477`, and the grayscale version is `61.6239, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `30.3659, 0.3148, 0.3067` is the 20% darker color. If you saturate the color by 10%, you get `51.0488, 0.3165, 0.2874`, and if you desaturate by 10%, it is `71.0711, 0.3123, 0.3339`.

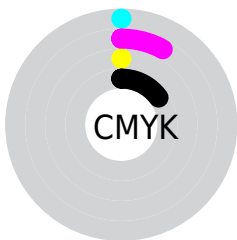
Distribution



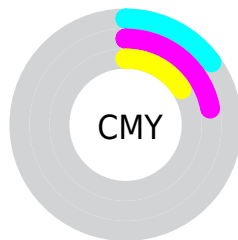
- Red (85%)
- Green (78%)
- Blue (84%)



- Red (85%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3521, 0.3143, 0.3110 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 60.3521, 0.3143, 0.3110 by changing the saturation by 10% instead.

60.3521, 0.3143,
0.3110

60.3521, 0.3143,
0.3110

425.8944, 0.3136,
0.3195

43.7025, 0.3145,
0.3090

105.3403, 0.3141,
0.3140

30.4367, 0.3146,
0.3065

134.4476, 0.3140,
0.3151

20.1703, 0.3149,
0.3034

168.4763, 0.3139,
0.3161

12.5189, 0.3151,
0.2991

207.8108, 0.3138,
0.3170

7.0981, 0.3155,
0.2933

252.8355, 0.3138,
0.3177

3.5235, 0.3160,
0.2845

303.9347, 0.3137,

1.4108, 0.3166,

0.3184

0.2702

361.4929, 0.3136,
0.3190

0.2246, 0.3278,
0.1726

0.0000, 0.0000,
0.0000

60.3521, 0.3143,
0.3110

60.3521, 0.3143,
0.3110

51.0488, 0.3165,
0.2874

71.0711, 0.3123,
0.3339

43.0942, 0.3189,
0.2637

83.2536, 0.3105,
0.3556

36.4279, 0.3214,
0.2406

91.2047, 0.3093,
0.3673

30.9815, 0.3240,
0.2191

91.2689, 0.3086,
0.3660

■ 26.6804, 0.3266,
0.2001

■ 91.3335, 0.3079,
0.3646

■ 23.4418, 0.3291,
0.1845

■ 91.3986, 0.3072,
0.3633

■ 21.1720, 0.3314,
0.1730

■ 91.4642, 0.3065,
0.3620

■ 19.7606, 0.3335,
0.1659

■ 91.5303, 0.3059,
0.3607

■ 19.0525, 0.3353,
0.1628

■ 91.5968, 0.3052,
0.3594

Harmonies

Analogous

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



60.3521, 0.3010, 0.3065



60.3521, 0.3143, 0.3110



60.3521, 0.3274, 0.3201

Triad

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



60.3521, 0.3143, 0.3110



60.3521, 0.3346, 0.3504



60.3521, 0.2894, 0.3257

Complementary

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



60.3521, 0.3143, 0.3110



65.3951, 0.3111, 0.3477

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.



60.3521, 0.2981, 0.3381



60.3521, 0.3143, 0.3110



60.3521, 0.3241, 0.3525

Square

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



60.3521, 0.3143, 0.3110



60.3521, 0.3392, 0.3426



60.3521, 0.3107, 0.3480



60.3521, 0.2869, 0.3146

Rectangle

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



60.3521, 0.3143, 0.3110



60.3521, 0.3341, 0.3276



60.3521, 0.3107, 0.3480



60.3521, 0.2917, 0.3299

Sweetspot

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



60.3547, 0.3143, 0.3110



96.7706, 0.3131, 0.3244



58.0763, 0.3013, 0.3092



20.7467, 0.3131, 0.3246



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.



60.3547, 0.3143, 0.3110



86.1384, 0.3146, 0.3081



59.9364, 0.3204, 0.3204



12.6201, 0.3146, 0.3073



11.2223, 0.3355, 0.1622



0.6806, 0.3327, 0.1607

Inverse Universe

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



60.3547, 0.3143, 0.3110



86.1384, 0.3146, 0.3081



65.7961, 0.3056, 0.3378



12.6201, 0.3146, 0.3073



11.2223, 0.3355, 0.1622



0.6806, 0.3327, 0.1607

Previews

White Background



This preview shows how the Yxy color 60.3521, 0.3143, 0.3110 looks on a white background.

Color Contrast Check

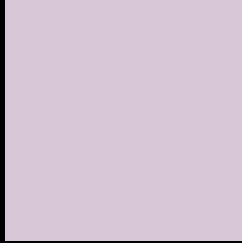
Large Text (above 18pt) WCAG AA × Fail

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 60.3521, 0.3143, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

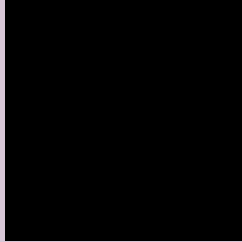
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

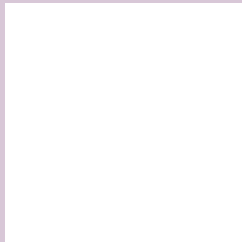
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3521, 0.3143, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 60.3521, 0.3143, 0.3110.

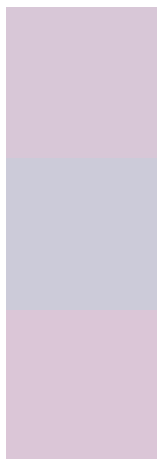


This preview shows how white text looks on a background with the Yxy color 60.3521, 0.3143, 0.3110.

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

60.3521, 0.3143, 0.3110

Protanopia

60.5590, 0.3037, 0.3128

Deuteranopia

60.3545, 0.3167, 0.3100



Tritanopia

60.3521, 0.3143, 0.3110

Trichromacy



Original Color

60.3521, 0.3143, 0.3110

Protanomaly

60.6088, 0.3074, 0.3130

Deuteranomaly

60.1999, 0.3160, 0.3099

Tritanomaly

60.3521, 0.3143, 0.3110

Monochromacy



Original Color

60.3521, 0.3143, 0.3110

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0170, 0.3138, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3521, 0.3143, 0.3110 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, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 199, 215)  
}
```

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, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 199, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.3521, 0.3143, 0.3110 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, 199, 215) }
```

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

```
.border{ border-color:rgb(216, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 199,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3521, 0.3143, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 199, 215) }
```

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

```
.background{ background-color: rgb(216,  
199, 215) }
```

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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