

Converting Colors

Yxy(60.4536, 0.3159, 0.3120)

Have a look what the booklet for
Yxy(60.4536, 0.3159, 0.3120)
contains.

Yxy(60.4536, 0.3158, 0.3121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.4536, 0.3158, 0.3121)

Conversions

Conversions Part 1

Format	Color
Hex	D9C7D6
RGB	217, 199, 214
RGB Percent	85%, 78%, 84%
CMY	0.1492, 0.2195, 0.1607
CMYK	0.00, 0.08, 0.01, 0.15
HSL	310°, 19%, 82%
HSV	310°, 8%, 85%
XYZ	61.1703, 60.4536, 72.0756
YIQ	206.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

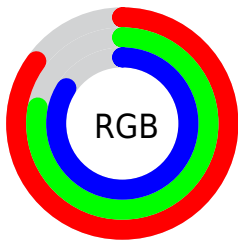
Format	Color
R _Y B	217, 199, 214
Decimal	14272470
CIE Lab	82.08, 8.91, -5.19
CIE LCh	82, 10.315, 329.772
Yxy	60.4536, 0.3158, 0.3121
Android (android.graphics.Color)	4292462550 (0xFFD9C7D6)
YUV	206.0920, 3.8986, 9.5663
Hunter-Lab	77.7519, 4.3667, -0.5351

Details

The Yxy color **60.4536, 0.3158, 0.3121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0145, 0.3098, 0.3465**, and the grayscale version is **61.7548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4354, 0.3168, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **50.9927, 0.3200, 0.2910**, and if you desaturate by 10%, it is **71.3471, 0.3121, 0.3324**.

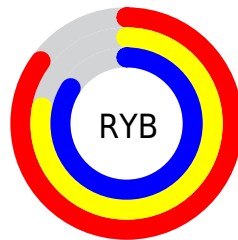
Distribution



Red (85%)

Green (78%)

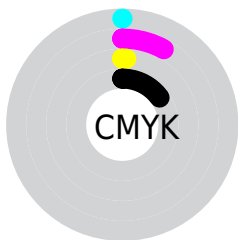
Blue (84%)



Red (85%)

Yellow (78%)

Blue (84%)

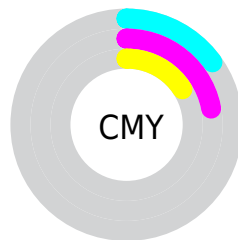


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4536, 0.3158, 0.3121 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 60.4536, 0.3158, 0.3121 by changing the saturation by 10% instead.

60.4536, 0.3158,
0.3121

60.4536, 0.3158,
0.3121

426.2677, 0.3144,
0.3201

43.7844, 0.3161,
0.3102

105.4874, 0.3153,
0.3149

30.5010, 0.3165,
0.3079

134.6207, 0.3151,
0.3160

20.2192, 0.3170,
0.3049

168.6775, 0.3149,
0.3169

12.5545, 0.3177,
0.3010

208.0422, 0.3148,
0.3177

7.1225, 0.3186,
0.2954

253.0992, 0.3147,
0.3184

3.5388, 0.3199,
0.2872

304.2329, 0.3146,

1.4191, 0.3219,

0.3190

0.2737

361.8276, 0.3145,
0.3196

0.2307, 0.3408,
0.1800

0.0000, 0.0000,
0.0000

60.4536, 0.3158,
0.3121

60.4536, 0.3158,
0.3121

50.9927, 0.3200,
0.2910

71.3471, 0.3121,
0.3324

42.8967, 0.3248,
0.2696

83.7218, 0.3090,
0.3517

36.1040, 0.3302,
0.2487

91.6863, 0.3065,
0.3607

30.5452, 0.3360,
0.2290

91.8823, 0.3045,
0.3569

■ 26.1444, 0.3422,
0.2115

■ 92.0824, 0.3025,
0.3531

■ 22.8176, 0.3485,
0.1973

■ 92.2866, 0.3006,
0.3493

■ 20.4690, 0.3549,
0.1871

■ 92.4949, 0.2986,
0.3455

■ 18.9864, 0.3610,
0.1815

■ 92.7073, 0.2967,
0.3418

■ 18.2043, 0.3669,
0.1801

■ 92.9240, 0.2948,
0.3381

Harmonies

Analogous

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



60.4536, 0.3026, 0.3071



60.4536, 0.3158, 0.3121



60.4536, 0.3284, 0.3214

Triad

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



60.4536, 0.3158, 0.3121



60.4536, 0.3333, 0.3506



60.4536, 0.2892, 0.3244

Complementary

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



60.4536, 0.3158, 0.3121



66.0145, 0.3098, 0.3465

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.



60.4536, 0.2971, 0.3366



60.4536, 0.3158, 0.3121



60.4536, 0.3225, 0.3520

Square

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



60.4536, 0.3158, 0.3121



60.4536, 0.3386, 0.3435



60.4536, 0.3092, 0.3468



60.4536, 0.2875, 0.3139

Rectangle

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



60.4536, 0.3158, 0.3121



60.4536, 0.3347, 0.3289



60.4536, 0.3092, 0.3468



60.4536, 0.2912, 0.3285

Sweetspot

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



60.4562, 0.3158, 0.3121



96.7353, 0.3134, 0.3249



58.3775, 0.3020, 0.3081



20.7395, 0.3134, 0.3251



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.



60.4562, 0.3158, 0.3121



84.5292, 0.3165, 0.3083



60.0223, 0.3222, 0.3219



13.2362, 0.3163, 0.3097



10.9726, 0.3671, 0.1796



0.7209, 0.3583, 0.1747

Inverse Universe

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



60.4562, 0.3158, 0.3121



84.5292, 0.3165, 0.3083



66.4393, 0.3041, 0.3362



13.2362, 0.3163, 0.3097



10.9726, 0.3671, 0.1796



0.7209, 0.3583, 0.1747

Previews

White Background



This preview shows how the Yxy color 60.4536, 0.3158, 0.3121 looks on a white background.

Color Contrast Check

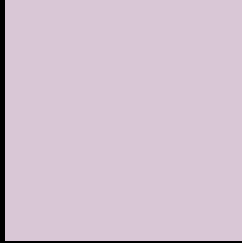
Large Text (above 18pt) WCAG AA × Fail

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 60.4536, 0.3158, 0.3121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

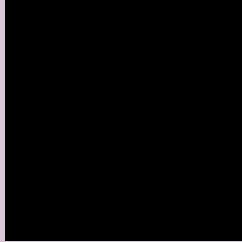
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4536, 0.3158, 0.3121

Background



This preview shows how black text looks on a background with the Yxy color 60.4536, 0.3158, 0.3121.

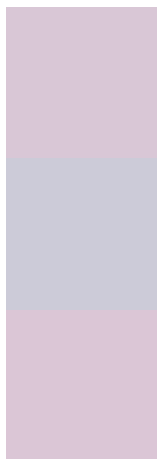


This preview shows how white text looks on a background with the Yxy color 60.4536, 0.3158, 0.3121.

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

60.4536, 0.3158, 0.3121

Protanopia

60.5071, 0.3044, 0.3140

Deuteranopia

60.3033, 0.3175, 0.3111



Tritanopia

60.5049, 0.3151, 0.3110

Trichromacy



Original Color

60.4536, 0.3158, 0.3121

Protanomaly

60.7027, 0.3088, 0.3141

Deuteranomaly

60.1486, 0.3167, 0.3110

Tritanomaly

60.5049, 0.3151, 0.3110

Monochromacy



Original Color

60.4536, 0.3158, 0.3121

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 60.4536, 0.3158, 0.3121 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(217, 199, 214)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 199, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 214) }
```

Border

The CSS property to change the border of an element to Yxy 60.4536, 0.3158, 0.3121 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(217, 199, 214) }
```

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

```
.border{ border-color:rgb(217, 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(217, 199, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4536, 0.3158, 0.3121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 214) }
```

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

```
.background{ background-color: rgb(217,  
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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