

Converting Colors

Yxy(61.0067, 0.3225, 0.3156)

Have a look what the booklet for
Yxy(61.0067, 0.3225, 0.3156)
contains.

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Color

Yxy(61.0796, 0.3220, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	DEC7D3
RGB	222, 199, 211
RGB Percent	87%, 78%, 83%
CMY	0.1292, 0.2197, 0.1725
CMYK	0.00, 0.10, 0.05, 0.13
HSL	329°, 26%, 83%
HSV	329°, 10%, 87%
XYZ	62.3182, 61.0796, 70.1370
YIQ	207.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

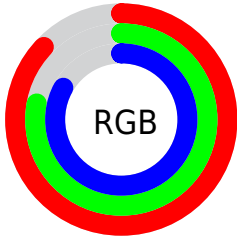
Format	Color
R _Y B	222, 199, 211
Decimal	14600147
CIE Lab	82.42, 10.14, -3.03
CIE LCh	82, 10.586, 343.343
Yxy	61.0796, 0.3220, 0.3156
Android (android.graphics.Color)	4292790227 (0xFFDEC7D3)
YUV	207.2450, 1.8512, 12.9401
Hunter-Lab	78.1534, 5.5643, 1.4989

Details

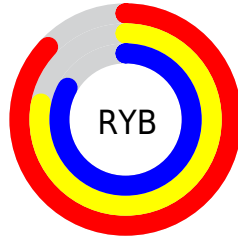
The Yxy color **61.0796, 0.3220, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0665, 0.3044, 0.3428**, and the grayscale version is **62.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9006, 0.3240, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **51.0836, 0.3328, 0.3020**, and if you desaturate by 10%, it is **72.6071, 0.3130, 0.3285**.

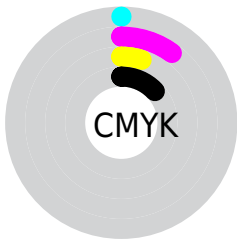
Distribution



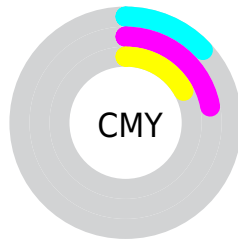
- Red (87%)
- Green (78%)
- Blue (83%)



- Red (87%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0796, 0.3220, 0.3156 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 61.0796, 0.3220, 0.3156 by changing the saturation by 10% instead.

61.0796, 0.3220,
0.3156

61.0796, 0.3220,
0.3156

428.5658, 0.3176,
0.3219

44.2894, 0.3230,
0.3141

106.3942, 0.3205,
0.3178

30.8981, 0.3243,
0.3123

135.6874, 0.3199,
0.3187

20.5213, 0.3260,
0.3099

169.9170, 0.3193,
0.3194

12.7745, 0.3282,
0.3067

209.4675, 0.3189,
0.3201

7.2735, 0.3313,
0.3023

254.7232, 0.3185,
0.3206

3.6337, 0.3360,
0.2957

306.0686, 0.3182,

1.4708, 0.3437,

0.3211

0.2849

363.8880, 0.3179,
0.3215

0.2681, 0.3942,
0.2103

0.0000, 0.0000,
0.0000

61.0796, 0.3220,
0.3156

61.0796, 0.3220,
0.3156

51.0836, 0.3328,
0.3020

72.6071, 0.3130,
0.3285

42.5461, 0.3457,
0.2881

85.7192, 0.3056,
0.3406

35.4002, 0.3610,
0.2743

93.5238, 0.2995,
0.3413

29.5704, 0.3787,
0.2614

94.1847, 0.2937,
0.3304

■ 24.9740, 0.3988,
0.2503

■ 94.2782, 0.2929,
0.3289

■ 21.5189, 0.4209,
0.2425

■ 19.0999, 0.4443,
0.2390

■ 17.5919, 0.4677,
0.2407

■ 16.7925, 0.4894,
0.2470

Harmonies

Analogous

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



61.0796, 0.3083, 0.3083



61.0796, 0.3220, 0.3156



61.0796, 0.3334, 0.3264

Triad

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



61.0796, 0.3220, 0.3156



61.0796, 0.3293, 0.3525



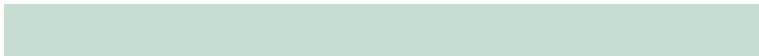
61.0796, 0.2870, 0.3190

Complementary

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



61.0796, 0.3220, 0.3156



69.0665, 0.3044, 0.3428

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.



61.0796, 0.2924, 0.3312



61.0796, 0.3220, 0.3156



61.0796, 0.3167, 0.3509

Square

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



61.0796, 0.3220, 0.3156



61.0796, 0.3376, 0.3477



61.0796, 0.3032, 0.3430



61.0796, 0.2883, 0.3100

Rectangle

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



61.0796, 0.3220, 0.3156



61.0796, 0.3380, 0.3342



61.0796, 0.3032, 0.3430



61.0796, 0.2881, 0.3229

Sweetspot

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



61.0823, 0.3220, 0.3156



94.9821, 0.3152, 0.3252



59.7826, 0.3045, 0.3028



20.0502, 0.3159, 0.3242



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.



61.0823, 0.3220, 0.3156



81.0984, 0.3237, 0.3133



60.5374, 0.3305, 0.3282



13.8193, 0.3211, 0.3168



9.9916, 0.4863, 0.2452



0.7106, 0.4539, 0.2274

Inverse Universe

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



61.0823, 0.3220, 0.3156



81.0984, 0.3237, 0.3133



69.6474, 0.2973, 0.3298



13.8193, 0.3211, 0.3168



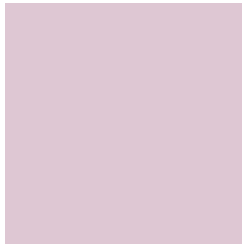
9.9916, 0.4863, 0.2452



0.7106, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 61.0796, 0.3220, 0.3156 looks on a white background.

Color Contrast Check

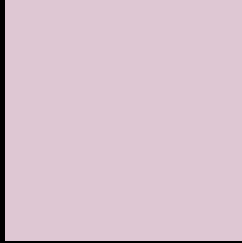
Large Text (above 18pt) WCAG AA × Fail

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 61.0796, 0.3220, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

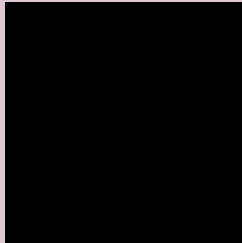
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0796, 0.3220, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 61.0796, 0.3220, 0.3156.



This preview shows how white text looks on a background with the Yxy color 61.0796, 0.3220, 0.3156.

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

61.0796, 0.3220, 0.3156

Protanopia

61.1626, 0.3072, 0.3175

Deuteranopia

61.0796, 0.3220, 0.3156



Tritanopia

60.7728, 0.3198, 0.3112

Trichromacy



Original Color

61.0796, 0.3220, 0.3156

Protanomaly

61.0422, 0.3125, 0.3165

Deuteranomaly

61.0796, 0.3220, 0.3156

Tritanomaly

60.7219, 0.3206, 0.3123

Monochromacy



Original Color

61.0796, 0.3220, 0.3156

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7368, 0.3160, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0796, 0.3220, 0.3156 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(222, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 211)  
}
```

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(222, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 211) }
```

Border

The CSS property to change the border of an element to Yxy 61.0796, 0.3220, 0.3156 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(222, 199, 211) }
```

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

```
.border{ border-color:rgb(222, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 199, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 199, 211); box-shadow:4px 4px 4px 4px rgb(222, 199, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0796, 0.3220, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 211) }
```

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

```
.background{ background-color: rgb(222,  
199, 211) }
```

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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