

Converting Colors

Yxy(61.5028, 0.3255, 0.3396)

Have a look what the booklet for
Yxy(61.5028, 0.3255, 0.3396)
contains.

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Color

Yxy(61.7489, 0.3261, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	D5CDC3
RGB	213, 205, 195
RGB Percent	84%, 80%, 76%
CMY	0.1647, 0.1960, 0.2353
CMYK	0.00, 0.04, 0.08, 0.16
HSL	33°, 18%, 80%
HSV	33°, 8%, 84%
XYZ	59.1201, 61.7489, 60.4255
YIQ	206.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

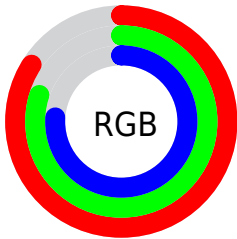
Format	Color
R _Y B	209, 213, 195
Decimal	14011843
CIE Lab	82.78, 1.04, 5.95
CIE LCh	83, 6.044, 80.126
Yxy	61.7489, 0.3261, 0.3406
Android (android.graphics.Color)	4292201923 (0xFFD5CDC3)
YUV	206.2520, -5.5472, 5.9180
Hunter-Lab	78.5805, -3.2211, 9.4145

Details

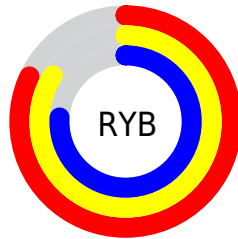
The Yxy color **61.7489, 0.3261, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1062, 0.2997, 0.3171**, and the grayscale version is **61.9244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **31.3254, 0.3295, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **56.4704, 0.3438, 0.3550**, and if you desaturate by 10%, it is **67.4433, 0.3104, 0.3269**.

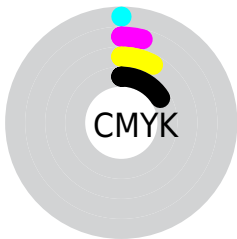
Distribution



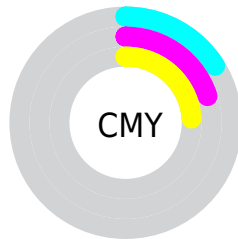
- Red (84%)
- Green (80%)
- Blue (76%)



- Red (82%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7489, 0.3261, 0.3406 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 61.7489, 0.3261, 0.3406 by changing the saturation by 10% instead.

■ 61.7489, 0.3261,
0.3406

■ 61.7489, 0.3261,
0.3406

431.0146, 0.3197,
0.3351

■ 44.8298, 0.3276,
0.3419

107.3625, 0.3238,
0.3387

■ 31.3234, 0.3295,
0.3435

136.8259, 0.3230,
0.3379

■ 20.8452, 0.3320,
0.3456

171.2395, 0.3222,
0.3373

■ 13.0109, 0.3352,
0.3484

210.9877, 0.3216,
0.3367

■ 7.4361, 0.3399,
0.3523

256.4549, 0.3210,
0.3362

■ 3.7363, 0.3469,
0.3583

308.0255, 0.3205,

■ 1.5272, 0.3587,

0.3358

0.3681

366.0840, 0.3201,
0.3354

0.3077, 0.5080,
0.4920

0.0000, 0.0000,
0.0000

61.7489, 0.3261,
0.3406

61.7489, 0.3261,
0.3406

56.4704, 0.3438,
0.3550

67.4433, 0.3104,
0.3269

51.5891, 0.3637,
0.3699

73.5556, 0.2966,
0.3142

47.0966, 0.3856,
0.3848

79.8452, 0.2867,
0.3063

42.9813, 0.4093,
0.3989

85.3504, 0.2872,
0.3163

■ 39.2305, 0.4342,
0.4114

■ 91.1466, 0.2876,
0.3261

■ 35.8307, 0.4593,
0.4209

■ 92.8856, 0.2877,
0.3289

■ 32.7672, 0.4833,
0.4264

■ 30.0234, 0.5048,
0.4267

■ 27.5768, 0.5228,
0.4219

Harmonies

Analogous

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



61.7489, 0.3279, 0.3357



61.7489, 0.3261, 0.3406



61.7489, 0.3207, 0.3424

Triad

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



61.7489, 0.3261, 0.3406



61.7489, 0.3001, 0.3287



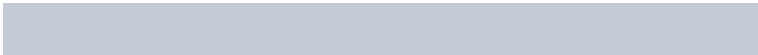
61.7489, 0.3120, 0.3178

Complementary

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



61.7489, 0.3261, 0.3406



59.1062, 0.2997, 0.3171

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.



61.7489, 0.3047, 0.3159



61.7489, 0.3261, 0.3406



61.7489, 0.2978, 0.3221

Square

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



61.7489, 0.3261, 0.3406



61.7489, 0.3057, 0.3355



61.7489, 0.2995, 0.3174



61.7489, 0.3197, 0.3226

Rectangle

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



61.7489, 0.3261, 0.3406



61.7489, 0.3159, 0.3416



61.7489, 0.2995, 0.3174



61.7489, 0.3094, 0.3168

Sweetspot

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



61.7516, 0.3261, 0.3406



97.3707, 0.3174, 0.3331



57.4873, 0.3211, 0.3197



20.6930, 0.3186, 0.3342



0.0000, 0.0000, 0.0000



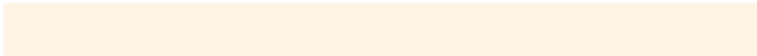
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7516, 0.3261, 0.3406



91.4583, 0.3289, 0.3429



65.5376, 0.3245, 0.3497



13.5551, 0.3277, 0.3420



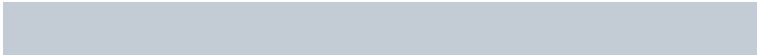
16.8352, 0.5235, 0.4225



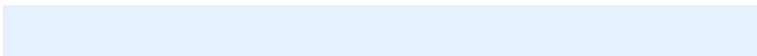
1.1793, 0.5007, 0.4406

Inverse Universe

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



59.1062, 0.2997, 0.3171



86.7603, 0.2971, 0.3147



55.5505, 0.3004, 0.3076



12.9065, 0.2982, 0.3157



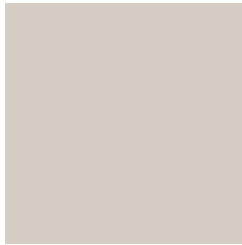
8.0754, 0.1724, 0.1405



0.6506, 0.1817, 0.1740

Previews

White Background



This preview shows how the Yxy color 61.7489, 0.3261, 0.3406 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 61.7489, 0.3261, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

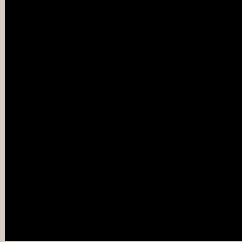
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

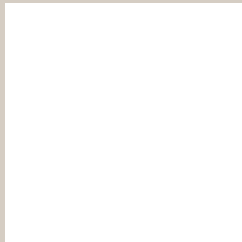
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7489, 0.3261, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 61.7489, 0.3261, 0.3406.

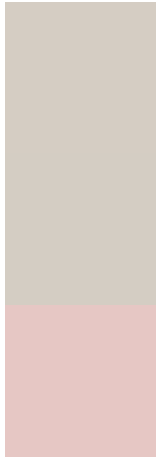


This preview shows how white text looks on a background with the Yxy color 61.7489, 0.3261, 0.3406.

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

61.7489, 0.3261, 0.3406

Protanopia

61.5998, 0.3253, 0.3406

Deuteranopia

61.6554, 0.3398, 0.3324



Tritanopia

61.8497, 0.3127, 0.3122

Trichromacy



Original Color

61.7489, 0.3261, 0.3406

Protanomaly

61.5998, 0.3253, 0.3406

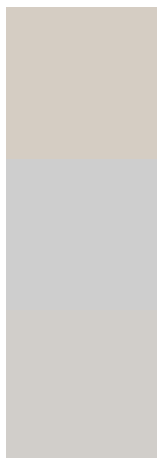
Deuteranomaly

61.6061, 0.3346, 0.3347

Tritanomaly

61.7624, 0.3177, 0.3222

Monochromacy



Original Color

61.7489, 0.3261, 0.3406

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9622, 0.3178, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7489, 0.3261, 0.3406 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(213, 205, 195)` looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 195)  
}
```

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(213, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 195) }
```

Border

The CSS property to change the border of an element to Yxy 61.7489, 0.3261, 0.3406 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(213, 205, 195) }
```

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

```
.border{ border-color:rgb(213, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7489, 0.3261, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 195) }
```

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

```
.background{ background-color: rgb(213,  
205, 195) }
```

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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