

Converting Colors

Yxy(61.4727, 0.3209, 0.3144)

Have a look what the booklet for
Yxy(61.4727, 0.3209, 0.3144)
contains.

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Color

Yxy(61.6422, 0.3204, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	DEC8D5
RGB	222, 200, 213
RGB Percent	87%, 78%, 84%
CMY	0.1293, 0.2157, 0.1646
CMYK	0.00, 0.10, 0.04, 0.13
HSL	324°, 25%, 83%
HSV	324°, 10%, 87%
XYZ	62.7986, 61.6422, 71.5598
YIQ	208.0600, 8.9390, 8.7070

Conversions

Conversions Part 2

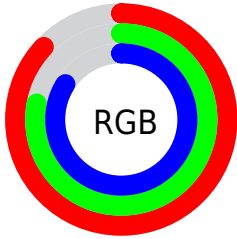
Format	Color
R _Y B	222, 200, 213
Decimal	14600405
CIE Lab	82.72, 9.96, -3.68
CIE LCh	83, 10.613, 339.740
Yxy	61.6422, 0.3204, 0.3145
Android (android.graphics.Color)	4292790485 (0xFFDEC8D5)
YUV	208.0600, 2.4354, 12.2254
Hunter-Lab	78.5125, 5.3770, 0.9192

Details

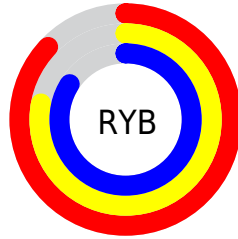
The Yxy color **61.6422, 0.3204, 0.3145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1401, 0.3057, 0.3440**, and the grayscale version is **63.1016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2419, 0.3229, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **51.6492, 0.3296, 0.2992**, and if you desaturate by 10%, it is **73.1597, 0.3127, 0.3291**.

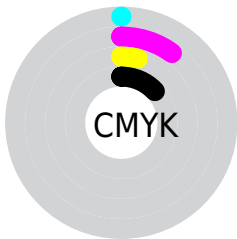
Distribution



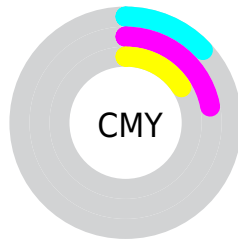
- Red (87%)
- Green (78%)
- Blue (84%)



- Red (87%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6422, 0.3204, 0.3145 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 61.6422, 0.3204, 0.3145 by changing the saturation by 10% instead.

61.6422, 0.3204,
0.3145

61.6422, 0.3204,
0.3145

430.6248, 0.3168,
0.3213

44.7437, 0.3212,
0.3129

107.2082, 0.3191,
0.3169

31.2556, 0.3223,
0.3109

136.6445, 0.3186,
0.3178

20.7935, 0.3237,
0.3084

171.0288, 0.3182,
0.3186

12.9732, 0.3254,
0.3050

210.7456, 0.3179,
0.3193

7.4101, 0.3280,
0.3003

256.1792, 0.3175,
0.3199

3.7199, 0.3317,
0.2933

307.7139, 0.3173,

1.5181, 0.3378,

0.3204

0.2818

365.7343, 0.3170,
0.3209

0.3014, 0.3739,
0.2129

0.0000, 0.0000,
0.0000

61.6422, 0.3204,
0.3145

61.6422, 0.3204,
0.3145

51.6492, 0.3296,
0.2992

73.1597, 0.3127,
0.3291

43.1082, 0.3406,
0.2835

86.2542, 0.3062,
0.3428

35.9527, 0.3534,
0.2680

93.3593, 0.3009,
0.3441

30.1077, 0.3681,
0.2533

93.9124, 0.2960,
0.3347

■ 25.4915, 0.3847,
0.2407

■ 94.2745, 0.2929,
0.3289

■ 22.0126, 0.4027,
0.2311

■ 19.5670, 0.4217,
0.2259

■ 18.0310, 0.4407,
0.2258

■ 17.1888, 0.4593,
0.2304

Harmonies

Analogous

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



61.6422, 0.3067, 0.3077



61.6422, 0.3204, 0.3145



61.6422, 0.3322, 0.3250

Triad

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



61.6422, 0.3204, 0.3145



61.6422, 0.3306, 0.3523



61.6422, 0.2873, 0.3204

Complementary

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



61.6422, 0.3204, 0.3145



69.1401, 0.3057, 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.



61.6422, 0.2935, 0.3327



61.6422, 0.3204, 0.3145



61.6422, 0.3183, 0.3515

Square

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



61.6422, 0.3204, 0.3145



61.6422, 0.3382, 0.3467



61.6422, 0.3047, 0.3442



61.6422, 0.2878, 0.3108

Rectangle

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



61.6422, 0.3204, 0.3145



61.6422, 0.3374, 0.3328



61.6422, 0.3047, 0.3442



61.6422, 0.2887, 0.3244

Sweetspot

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



61.6449, 0.3204, 0.3145



95.0163, 0.3149, 0.3247



60.1075, 0.3038, 0.3040



20.0594, 0.3155, 0.3235



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.



61.6449, 0.3204, 0.3145



81.2279, 0.3223, 0.3112



61.1127, 0.3285, 0.3266



13.8360, 0.3200, 0.3152



10.2260, 0.4568, 0.2290



0.7265, 0.4302, 0.2144

Inverse Universe

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



61.6449, 0.3204, 0.3145



81.2279, 0.3223, 0.3112



69.6953, 0.2989, 0.3315



13.8360, 0.3200, 0.3152



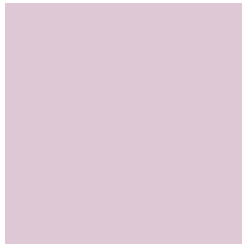
10.2260, 0.4568, 0.2290



0.7265, 0.4302, 0.2144

Previews

White Background



This preview shows how the Yxy color 61.6422, 0.3204, 0.3145 looks on a white background.

Color Contrast Check

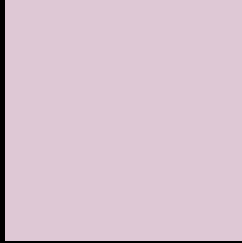
Large Text (above 18pt) WCAG AA × Fail

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 61.6422, 0.3204, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

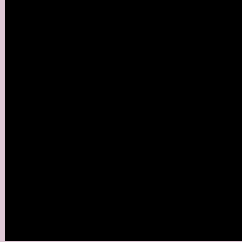
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6422, 0.3204, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 61.6422, 0.3204, 0.3145.



This preview shows how white text looks on a background with the Yxy color 61.6422, 0.3204, 0.3145.

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

61.6422, 0.3204, 0.3145

Protanopia

61.8859, 0.3065, 0.3164

Deuteranopia

61.8006, 0.3212, 0.3146



Tritanopia

61.7444, 0.3189, 0.3124

Trichromacy



Original Color

61.6422, 0.3204, 0.3145

Protanomaly

61.6152, 0.3111, 0.3154

Deuteranomaly

61.8006, 0.3212, 0.3146

Tritanomaly

61.6932, 0.3197, 0.3135

Monochromacy



Original Color

61.6422, 0.3204, 0.3145

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4619, 0.3153, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6422, 0.3204, 0.3145 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, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 200, 213)  
}
```

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, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 200, 213) }
```

Border

The CSS property to change the border of an element to Yxy 61.6422, 0.3204, 0.3145 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, 200, 213) }
```

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

```
.border{ border-color:rgb(222, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 200,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6422, 0.3204, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 200, 213) }
```

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

```
.background{ background-color: rgb(222,  
200, 213) }
```

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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