

Converting Colors

Yxy(65.0540, 0.3121, 0.3093)

Have a look what the booklet for
Yxy(65.0540, 0.3121, 0.3093)
contains.

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Color

Yxy(65.0540, 0.3121, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	DECEE0
RGB	222, 206, 224
RGB Percent	87%, 81%, 88%
CMY	0.1296, 0.1921, 0.1215
CMYK	0.01, 0.08, 0.00, 0.12
HSL	293°, 23%, 84%
HSV	293°, 8%, 88%
XYZ	65.6429, 65.0540, 79.6296
YIQ	212.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

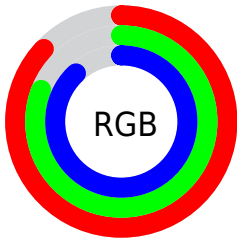
Format	Color
R _Y B	222, 206, 224
Decimal	14601952
CIE Lab	84.51, 8.72, -6.90
CIE LCh	85, 11.120, 321.676
Yxy	65.0540, 0.3121, 0.3093
Android (android.graphics.Color)	4292792032 (0xFFDECEE0)
YUV	212.8360, 5.5039, 8.0368
Hunter-Lab	80.6561, 4.1263, -2.0762

Details

The Yxy color **65.0540, 0.3121, 0.3093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1982, 0.3132, 0.3493**, and the grayscale version is **66.3842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5365, 0.3119, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **54.6266, 0.3111, 0.2839**, and if you desaturate by 10%, it is **77.0304, 0.3128, 0.3337**.

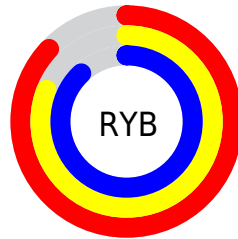
Distribution



Red (87%)

Green (81%)

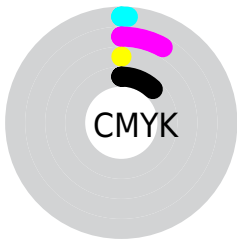
Blue (88%)



Red (87%)

Yellow (81%)

Blue (88%)

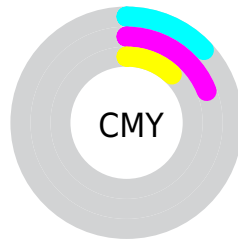


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (12%)



Cyan (13%)


Magenta (19%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0540, 0.3121, 0.3093 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 65.0540, 0.3121, 0.3093 by changing the saturation by 10% instead.


 65.0540, 0.3121,
0.3093

 65.0540, 0.3121,
0.3093


442.9860, 0.3125,
0.3185

 47.5049, 0.3120,
0.3072


112.1275, 0.3122,
0.3125

 33.4349, 0.3119,
0.3046


142.4206, 0.3123,
0.3137

 22.4599, 0.3117,
0.3012


177.7306, 0.3123,
0.3148

 14.1952, 0.3114,
0.2969

218.4417, 0.3124,
0.3157

 8.2565, 0.3111,
0.2909

264.9384, 0.3124,
0.3165

 4.2595, 0.3104,
0.2821

317.6051, 0.3124,

 1.8198, 0.3091,

0.3173

0.2682

376.8262, 0.3124,
0.3179

0.4995, 0.3106,
0.2255

0.0000, 0.0000,
0.0000

65.0540, 0.3121,
0.3093

65.0540, 0.3121,
0.3093

54.6266, 0.3111,
0.2839

77.0304, 0.3128,
0.3337

45.6751, 0.3097,
0.2581

90.6081, 0.3133,
0.3567

38.1329, 0.3081,
0.2327

93.6656, 0.3147,
0.3607

31.9251, 0.3061,
0.2087

94.0911, 0.3163,
0.3605

■ 26.9700, 0.3038,
0.1870

■ 94.5228, 0.3179,
0.3604

■ 23.1766, 0.3012,
0.1687

■ 94.9607, 0.3196,
0.3602

■ 20.4419, 0.2984,
0.1545

■ 95.4049, 0.3212,
0.3601

■ 18.6444, 0.2955,
0.1447

■ 95.8554, 0.3228,
0.3599

■ 17.6124, 0.2925,
0.1391

■ 96.3123, 0.3245,
0.3597

Harmonies

Analogous

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



65.0540, 0.2987, 0.3055



65.0540, 0.3121, 0.3093



65.0540, 0.3259, 0.3180

Triad

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



65.0540, 0.3121, 0.3093



65.0540, 0.3366, 0.3502



65.0540, 0.2897, 0.3276

Complementary

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



65.0540, 0.3121, 0.3093



71.1982, 0.3132, 0.3493

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.



65.0540, 0.2994, 0.3403



65.0540, 0.3121, 0.3093



65.0540, 0.3265, 0.3535

Square

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



65.0540, 0.3121, 0.3093



65.0540, 0.3402, 0.3414



65.0540, 0.3129, 0.3499



65.0540, 0.2860, 0.3157

Rectangle

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



65.0540, 0.3121, 0.3093



65.0540, 0.3334, 0.3256



65.0540, 0.3129, 0.3499



65.0540, 0.2923, 0.3320

Sweetspot

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



65.0568, 0.3121, 0.3093



96.6788, 0.3126, 0.3241



63.6754, 0.3004, 0.3110



20.7280, 0.3126, 0.3244



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.



65.0568, 0.3121, 0.3093



84.2477, 0.3119, 0.3042



65.0164, 0.3185, 0.3168



13.8520, 0.3120, 0.3058



10.1865, 0.2924, 0.1384



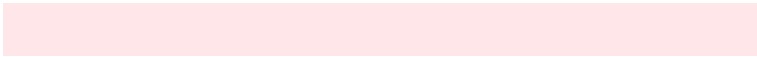
0.7290, 0.2971, 0.1410

Inverse Universe

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



64.5581, 0.3250, 0.3268



83.4253, 0.3285, 0.3262



71.2449, 0.3073, 0.3415



13.7259, 0.3274, 0.3264



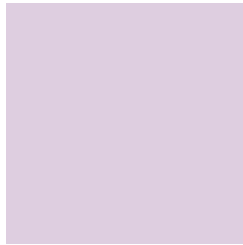
9.2751, 0.6257, 0.3220



0.6515, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 65.0540, 0.3121, 0.3093 looks on a white background.

Color Contrast Check

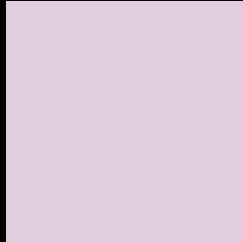
Large Text (above 18pt) WCAG AA × Fail

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 65.0540, 0.3121, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

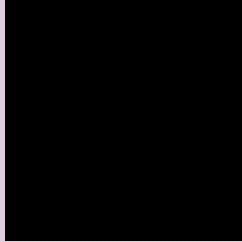
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

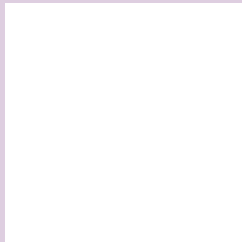
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0540, 0.3121, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 65.0540, 0.3121, 0.3093.



This preview shows how white text looks on a background with the Yxy color 65.0540, 0.3121, 0.3093.

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

65.0540, 0.3121, 0.3093

Protanopia

65.2858, 0.3019, 0.3111

Deuteranopia

65.0520, 0.3144, 0.3083



Tritanopia

64.9461, 0.3135, 0.3115

Trichromacy



Original Color

65.0540, 0.3121, 0.3093

Protanomaly

65.3333, 0.3055, 0.3112

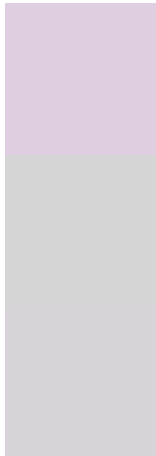
Deuteranomaly

64.8918, 0.3137, 0.3083

Tritanomaly

64.9999, 0.3128, 0.3104

Monochromacy



Original Color

65.0540, 0.3121, 0.3093

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7019, 0.3123, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0540, 0.3121, 0.3093 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, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 224)  
}
```

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, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 224) }
```

Border

The CSS property to change the border of an element to Yxy 65.0540, 0.3121, 0.3093 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, 206, 224) }
```

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

```
.border{ border-color:rgb(222, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0540, 0.3121, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 224) }
```

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

```
.background{ background-color: rgb(222,  
206, 224) }
```

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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