

Converting Colors

Yxy(67.2402, 0.3115, 0.3101)

Have a look what the booklet for
Yxy(67.2402, 0.3115, 0.3101)
contains.

Yxy(66.9943, 0.3114, 0.3095)	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(66.9943, 0.3114, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	E0D1E3
RGB	224, 209, 227
RGB Percent	88%, 82%, 89%
CMY	0.1216, 0.1804, 0.1098
CMYK	0.01, 0.08, 0.00, 0.11
HSL	290°, 24%, 85%
HSV	290°, 8%, 89%
XYZ	67.4056, 66.9943, 82.0599
YIQ	215.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

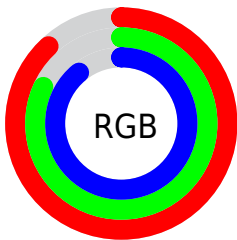
Format	Color
R_{YB}	224, 209, 227
Decimal	14733795
CIE _{Lab}	85.50, 8.38, -7.00
CIE _{LCh}	86, 10.922, 320.108
Y _{xy}	66.9943, 0.3114, 0.3095
Android (android.graphics.Color)	4292923875 (0xFFE0D1E3)
YUV	215.5370, 5.6513, 7.4221
Hunter-Lab	81.8500, 3.7617, -2.1470

Details

The Yxy color $66.9943, 0.3114, 0.3095$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.5498, 0.3139, 0.3490$, and the grayscale version is $68.2990, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.8563, 0.3109, 0.3050$ is the 20% darker color. If you saturate the color by 10%, you get $56.0382, 0.3094, 0.2839$, and if you desaturate by 10%, it is $79.5569, 0.3130, 0.3339$.

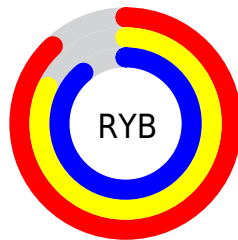
Distribution



Red (88%)

Green (82%)

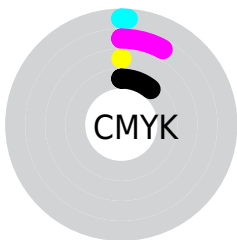
Blue (89%)



Red (88%)

Yellow (82%)

Blue (89%)

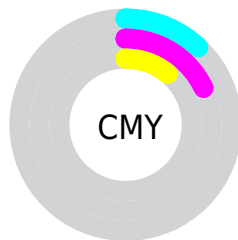


Cyan (1%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9943, 0.3114, 0.3095 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 66.9943, 0.3114, 0.3095 by changing the saturation by 10% instead.

66.9943, 0.3114,
0.3095

66.9943, 0.3114,
0.3095

449.9245, 0.3121,
0.3185

49.0800, 0.3112,
0.3074

114.9122, 0.3116,
0.3126

34.6829, 0.3110,
0.3049

145.6847, 0.3117,
0.3139

23.4187, 0.3107,
0.3016

181.5119, 0.3118,
0.3149

14.9030, 0.3103,
0.2974

222.7784, 0.3119,
0.3158

8.7513, 0.3097,
0.2916

269.8685, 0.3119,
0.3166

4.5793, 0.3088,
0.2832

323.1666, 0.3120,

2.0026, 0.3071,

0.3173

0.2700

383.0572, 0.3120,
0.3180

0.6090, 0.3063,
0.2381

0.0000, 0.0000,
0.0000

66.9943, 0.3114,
0.3095

66.9943, 0.3114,
0.3095

56.0382, 0.3094,
0.2839

79.5569, 0.3130,
0.3339

46.6132, 0.3069,
0.2577

93.7803, 0.3143,
0.3568

38.6505, 0.3039,
0.2317

94.7992, 0.3166,
0.3572

32.0727, 0.3005,
0.2068

95.4556, 0.3190,
0.3570

26.7954, 0.2966,
0.1841

96.1259, 0.3215,
0.3568

22.7247, 0.2924,
0.1646

96.8102, 0.3239,
0.3566

19.7540, 0.2881,
0.1492

97.5087, 0.3263,
0.3564

17.7580, 0.2836,
0.1384

98.2214, 0.3288,
0.3562

16.5621, 0.2792,
0.1318

98.3268, 0.3291,
0.3562

Harmonies

Analogous

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



66.9943, 0.2985, 0.3061



66.9943, 0.3114, 0.3095



66.9943, 0.3249, 0.3178

Triad

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



66.9943, 0.3114, 0.3095



66.9943, 0.3363, 0.3493



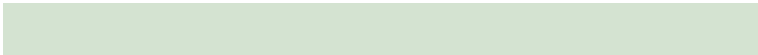
66.9943, 0.2906, 0.3283

Complementary

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



66.9943, 0.3114, 0.3095



73.5498, 0.3139, 0.3490

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.



66.9943, 0.3004, 0.3406



66.9943, 0.3114, 0.3095



66.9943, 0.3268, 0.3528

Square

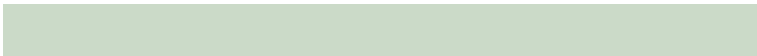
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.9943, 0.3114, 0.3095



66.9943, 0.3395, 0.3405



66.9943, 0.3136, 0.3496



66.9943, 0.2867, 0.3166

Rectangle

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



66.9943, 0.3114, 0.3095



66.9943, 0.3324, 0.3251



66.9943, 0.3136, 0.3496



66.9943, 0.2933, 0.3325

Sweetspot

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



66.9972, 0.3114, 0.3095



96.6273, 0.3124, 0.3241



66.3440, 0.3005, 0.3126



20.7175, 0.3124, 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.



66.9972, 0.3114, 0.3095



83.9938, 0.3110, 0.3041



67.1741, 0.3176, 0.3157



14.4865, 0.3111, 0.3057



9.5838, 0.2789, 0.1310



0.7408, 0.2854, 0.1346

Inverse Universe

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



66.6919, 0.3242, 0.3257



83.5033, 0.3276, 0.3248



73.3928, 0.3082, 0.3427



14.4072, 0.3266, 0.3251



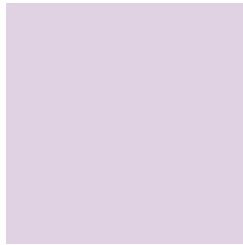
9.6176, 0.6150, 0.3162



0.7225, 0.5775, 0.2955

Previews

White Background



This preview shows how the Yxy color 66.9943, 0.3114, 0.3095 looks on a white background.

Color Contrast Check

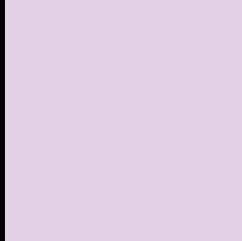
Large Text (above 18pt) WCAG AA × Fail

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 66.9943, 0.3114, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

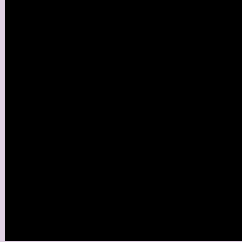
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

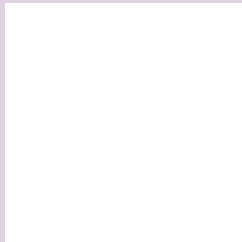
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9943, 0.3114, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 66.9943, 0.3114, 0.3095.



This preview shows how white text looks on a background with the Yxy color 66.9943, 0.3114, 0.3095.

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

66.9943, 0.3114, 0.3095

Protanopia

66.8902, 0.3020, 0.3102

Deuteranopia

66.6657, 0.3145, 0.3075



Tritanopia

66.9392, 0.3121, 0.3106

Trichromacy



Original Color

66.9943, 0.3114, 0.3095

Protanomaly

66.9417, 0.3056, 0.3103

Deuteranomaly

66.9887, 0.3137, 0.3086

Tritanomaly

66.9392, 0.3121, 0.3106

Monochromacy



Original Color

66.9943, 0.3114, 0.3095

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8159, 0.3123, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9943, 0.3114, 0.3095 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(224, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 209, 227)  
}
```

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(224, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 209, 227) }
```

Border

The CSS property to change the border of an element to Yxy 66.9943, 0.3114, 0.3095 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(224, 209, 227) }
```

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

```
.border{ border-color:rgb(224, 209, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 209, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 209,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9943, 0.3114, 0.3095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 209, 227) }
```

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

```
.background{ background-color: rgb(224,  
209, 227) }
```

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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