

Converting Colors

$Yxy(66.7757, 0.3165, 0.3129)$

Have a look what the booklet for
Yxy(66.7757, 0.3165, 0.3129)
contains.

Yxy(66.7704, 0.3165, 0.3128)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.7704, 0.3165, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	E3D0DF
RGB	227, 208, 223
RGB Percent	89%, 82%, 87%
CMY	0.1097, 0.1843, 0.1255
CMYK	0.00, 0.08, 0.02, 0.11
HSL	313°, 25%, 85%
HSV	313°, 8%, 89%
XYZ	67.5602, 66.7704, 79.1298
YIQ	215.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

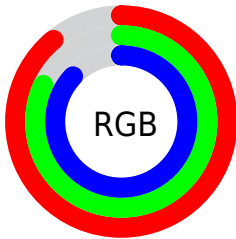
Format	Color
R_{YB}	227, 208, 223
Decimal	14930143
CIE Lab	85.39, 9.21, -5.01
CIE LCh	85, 10.482, 331.465
Yxy	66.7704, 0.3165, 0.3128
Android (android.graphics.Color)	4293120223 (0xFFE3D0DF)
YUV	215.3910, 3.7512, 10.1811
Hunter-Lab	81.7132, 4.5853, -0.2163

Details

The Yxy color $66.7704, 0.3165, 0.3128$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.1223, 0.3091, 0.3458$, and the grayscale version is $68.2085, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.7090, 0.3176, 0.3093$ is the 20% darker color. If you saturate the color by 10%, you get $56.2273, 0.3217, 0.2928$, and if you desaturate by 10%, it is $78.9113, 0.3120, 0.3320$.

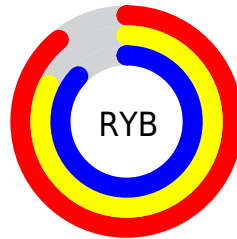
Distribution



Red (89%)

Green (82%)

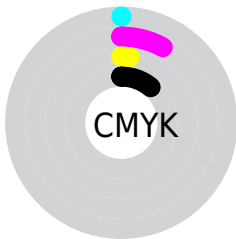
Blue (87%)



Red (89%)

Yellow (82%)

Blue (87%)

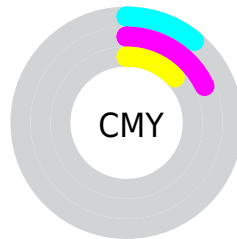


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7704, 0.3165, 0.3128 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 66.7704, 0.3165, 0.3128 by changing the saturation by 10% instead.

66.7704, 0.3165,
0.3128

66.7704, 0.3165,
0.3128

449.1271, 0.3148,
0.3203

48.8981, 0.3169,
0.3111

114.5914, 0.3159,
0.3154

34.5386, 0.3174,
0.3089

145.3088, 0.3157,
0.3164

23.3077, 0.3180,
0.3062

181.0766, 0.3155,
0.3173

14.8209, 0.3188,
0.3027

222.2794, 0.3153,
0.3181

8.6938, 0.3198,
0.2978

269.3014, 0.3151,
0.3187

4.5420, 0.3213,
0.2907

322.5271, 0.3150,

1.9811, 0.3237,

0.3193

0.2795

382.3409, 0.3149,
0.3199

0.5965, 0.3315,
0.2498

0.0000, 0.0000,
0.0000

66.7704, 0.3165,
0.3128

66.7704, 0.3165,
0.3128

56.2273, 0.3217,
0.2928

78.9113, 0.3120,
0.3320

47.2063, 0.3276,
0.2724

92.7043, 0.3082,
0.3502

39.6384, 0.3343,
0.2524

93.9983, 0.3055,
0.3468

33.4460, 0.3418,
0.2336

94.2850, 0.3028,
0.3418

■ 28.5442, 0.3497,
0.2169

■ 94.5793, 0.3001,
0.3369

■ 24.8387, 0.3581,
0.2034

■ 94.8813, 0.2975,
0.3320

■ 22.2223, 0.3666,
0.1940

■ 95.0766, 0.2958,
0.3290

■ 20.5684, 0.3749,
0.1892

■ 19.6933, 0.3829,
0.1889

Harmonies

Analogous

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



66.7704, 0.3035, 0.3076



66.7704, 0.3165, 0.3128



66.7704, 0.3287, 0.3221

Triad

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



66.7704, 0.3165, 0.3128



66.7704, 0.3325, 0.3505



66.7704, 0.2893, 0.3239

Complementary

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



66.7704, 0.3165, 0.3128



73.1223, 0.3091, 0.3458

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.



66.7704, 0.2968, 0.3358



66.7704, 0.3165, 0.3128



66.7704, 0.3217, 0.3514

Square

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



66.7704, 0.3165, 0.3128



66.7704, 0.3381, 0.3437



66.7704, 0.3086, 0.3461



66.7704, 0.2880, 0.3136

Rectangle

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



66.7704, 0.3165, 0.3128



66.7704, 0.3347, 0.3296



66.7704, 0.3086, 0.3461



66.7704, 0.2912, 0.3278

Sweetspot

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



66.7733, 0.3165, 0.3128



95.1115, 0.3140, 0.3232



64.6255, 0.3025, 0.3078



20.0851, 0.3144, 0.3217



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.



66.7733, 0.3165, 0.3128



84.4515, 0.3173, 0.3095



66.2863, 0.3231, 0.3228



14.5600, 0.3170, 0.3107



11.4342, 0.3831, 0.1884



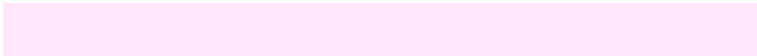
0.8581, 0.3722, 0.1824

Inverse Universe

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



66.7733, 0.3165, 0.3128



84.4515, 0.3173, 0.3095



73.6044, 0.3033, 0.3353



14.5600, 0.3170, 0.3107



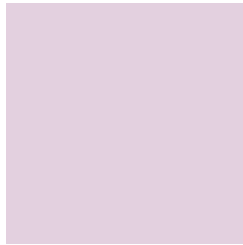
11.4342, 0.3831, 0.1884



0.8581, 0.3722, 0.1824

Previews

White Background



This preview shows how the Yxy color 66.7704, 0.3165, 0.3128 looks on a white background.

Color Contrast Check

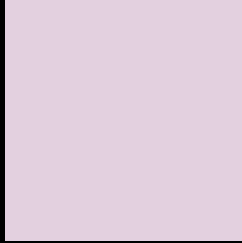
Large Text (above 18pt) WCAG AA × Fail

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 66.7704, 0.3165, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

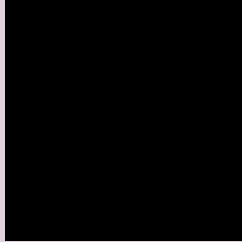
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

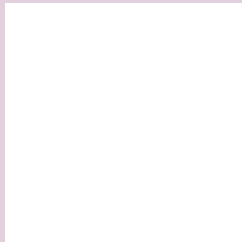
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7704, 0.3165, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 66.7704, 0.3165, 0.3128.

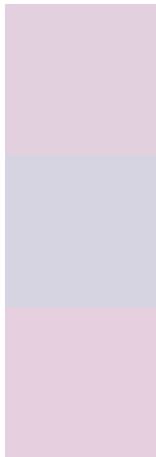


This preview shows how white text looks on a background with the Yxy color 66.7704, 0.3165, 0.3128.

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

66.7704, 0.3165, 0.3128

Protanopia

66.8194, 0.3054, 0.3146

Deuteranopia

66.7764, 0.3188, 0.3118



Tritanopia

66.8245, 0.3158, 0.3117

Trichromacy



Original Color

66.7704, 0.3165, 0.3128

Protanomaly

67.0304, 0.3097, 0.3147

Deuteranomaly

66.6114, 0.3180, 0.3118

Tritanomaly

66.8245, 0.3158, 0.3117

Monochromacy



Original Color

66.7704, 0.3165, 0.3128

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.2090, 0.3138, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7704, 0.3165, 0.3128 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(227, 208, 223)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 223)  
}
```

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(227, 208, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 223) }
```

Border

The CSS property to change the border of an element to Yxy 66.7704, 0.3165, 0.3128 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(227, 208, 223) }
```

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

```
.border{ border-color:rgb(227, 208, 223) }
```

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

Here you see how a box with a 4 pixel rgb(227, 208, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 223);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7704, 0.3165, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 223) }
```

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

```
.background{ background-color: rgb(227,  
208, 223) }
```

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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