

Converting Colors

Yxy(66.0881, 0.3193, 0.3126)

Have a look what the booklet for
Yxy(66.0881, 0.3193, 0.3126)
contains.

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Color

Yxy(66.0211, 0.3195, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	E5CEDD
RGB	229, 206, 221
RGB Percent	90%, 81%, 87%
CMY	0.1020, 0.1921, 0.1333
CMYK	0.00, 0.10, 0.03, 0.10
HSL	321°, 31%, 85%
HSV	321°, 10%, 90%
XYZ	67.4352, 66.0211, 77.6086
YIQ	214.5870, 8.8930, 9.5410

Conversions

Conversions Part 2

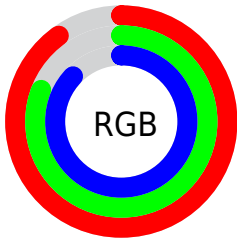
Format	Color
R _Y B	229, 206, 221
Decimal	15060701
CIE Lab	85.01, 10.57, -4.50
CIE LCh	85, 11.493, 336.929
Yxy	66.0211, 0.3195, 0.3128
Android (android.graphics.Color)	4293250781 (0xFFE5CEDD)
YUV	214.5870, 3.1616, 12.6402
Hunter-Lab	81.2534, 5.9505, 0.2469

Details

The Yxy color $66.0211, 0.3195, 0.3128$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74.0107, 0.3065, 0.3458$, and the grayscale version is $67.6368, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0939, 0.3206, 0.3093$ is the 20% darker color. If you saturate the color by 10%, you get $55.3760, 0.3275, 0.2959$, and if you desaturate by 10%, it is $78.2982, 0.3127, 0.3289$.

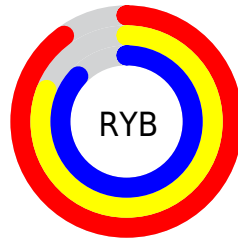
Distribution



Red (90%)

Green (81%)

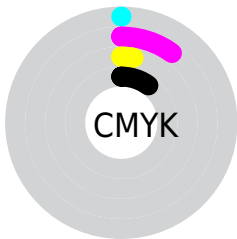
Blue (87%)



Red (90%)

Yellow (81%)

Blue (87%)

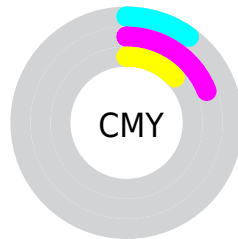


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0211, 0.3195, 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 66.0211, 0.3195, 0.3128 by changing the saturation by 10% instead.

66.0211, 0.3195,
0.3128

66.0211, 0.3195,
0.3128

446.4523, 0.3164,
0.3203

48.2895, 0.3202,
0.3111

113.5166, 0.3184,
0.3154

34.0562, 0.3211,
0.3089

144.0494, 0.3180,
0.3164

22.9368, 0.3222,
0.3062

179.6179, 0.3176,
0.3173

14.5468, 0.3237,
0.3026

220.6068, 0.3173,
0.3181

8.5020, 0.3258,
0.2977

267.4002, 0.3170,
0.3187

4.4178, 0.3287,
0.2905

320.3827, 0.3168,

1.9099, 0.3334,

0.3193

0.2792

379.9386, 0.3166,
0.3199

0.5543, 0.3477,
0.2455

0.0000, 0.0000,
0.0000

66.0211, 0.3195,
0.3128

66.0211, 0.3195,
0.3128

55.3760, 0.3275,
0.2959

78.2982, 0.3127,
0.3289

46.2849, 0.3369,
0.2787

92.2639, 0.3071,
0.3441

38.6761, 0.3478,
0.2617

94.7598, 0.3025,
0.3392

32.4690, 0.3602,
0.2458

95.2550, 0.2982,
0.3312

■ 27.5753, 0.3740,
0.2319

■ 95.3966, 0.2970,
0.3290

■ 23.8966, 0.3888,
0.2212

■ 21.3203, 0.4042,
0.2149

■ 19.7129, 0.4196,
0.2135

■ 18.8448, 0.4345,
0.2167

Harmonies

Analogous

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



66.0211, 0.3050, 0.3061



66.0211, 0.3195, 0.3128



66.0211, 0.3324, 0.3236

Triad

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



66.0211, 0.3195, 0.3128



66.0211, 0.3327, 0.3534



66.0211, 0.2862, 0.3210

Complementary

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



66.0211, 0.3195, 0.3128



74.0107, 0.3065, 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.



66.0211, 0.2933, 0.3341



66.0211, 0.3195, 0.3128



66.0211, 0.3200, 0.3532

Square

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



66.0211, 0.3195, 0.3128



66.0211, 0.3401, 0.3469



66.0211, 0.3056, 0.3461



66.0211, 0.2860, 0.3105

Rectangle

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



66.0211, 0.3195, 0.3128



66.0211, 0.3382, 0.3319



66.0211, 0.3056, 0.3461



66.0211, 0.2878, 0.3253

Sweetspot

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



66.0240, 0.3195, 0.3128



95.0461, 0.3146, 0.3242



64.0488, 0.3026, 0.3035



20.0674, 0.3152, 0.3229



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.



66.0240, 0.3195, 0.3128



81.3418, 0.3210, 0.3094



65.4475, 0.3276, 0.3249



14.5258, 0.3191, 0.3138



10.7990, 0.4323, 0.2155



0.8154, 0.4119, 0.2042

Inverse Universe

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



66.0240, 0.3195, 0.3128



81.3418, 0.3210, 0.3094



74.6018, 0.2996, 0.3332



14.5258, 0.3191, 0.3138



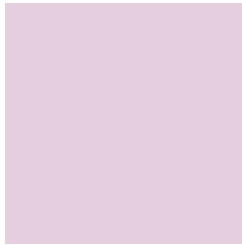
10.7990, 0.4323, 0.2155



0.8154, 0.4119, 0.2042

Previews

White Background



This preview shows how the Yxy color 66.0211, 0.3195, 0.3128 looks on a white background.

Color Contrast Check

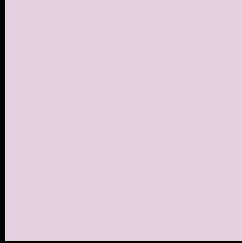
Large Text (above 18pt) WCAG AA × Fail

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 66.0211, 0.3195, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

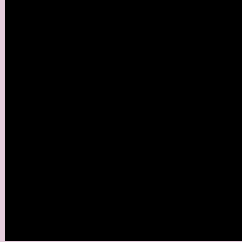
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0211, 0.3195, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 66.0211, 0.3195, 0.3128.



This preview shows how white text looks on a background with the Yxy color 66.0211, 0.3195, 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

66.0211, 0.3195, 0.3128

Protanopia

66.1165, 0.3054, 0.3145

Deuteranopia

66.0211, 0.3195, 0.3128



Tritanopia

66.0746, 0.3188, 0.3118

Trichromacy



Original Color

66.0211, 0.3195, 0.3128

Protanomaly

65.9887, 0.3105, 0.3136

Deuteranomaly

66.0211, 0.3195, 0.3128

Tritanomaly

66.0746, 0.3188, 0.3118

Monochromacy



Original Color

66.0211, 0.3195, 0.3128

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3124, 0.3152, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0211, 0.3195, 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(229, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 221)  
}
```

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(229, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 221) }
```

Border

The CSS property to change the border of an element to Yxy 66.0211, 0.3195, 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(229, 206, 221) }
```

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

```
.border{ border-color:rgb(229, 206, 221) }
```

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

Here you see how a box with a 4 pixel rgb(229, 206, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 206,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0211, 0.3195, 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(229, 206, 221) }
```

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

```
.background{ background-color: rgb(229,  
206, 221) }
```

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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