

Converting Colors

Yxy(67.8509, 0.3290, 0.3216)

Have a look what the booklet for
Yxy(67.8509, 0.3290, 0.3216)
contains.

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Color

Yxy(67.8509, 0.3290, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	ECD0D7
RGB	236, 208, 215
RGB Percent	93%, 82%, 84%
CMY	0.0745, 0.1843, 0.1569
CMYK	0.00, 0.12, 0.09, 0.07
HSL	345°, 42%, 87%
HSV	345°, 12%, 93%
XYZ	69.4121, 67.8509, 73.7161
YIQ	217.1700, 14.4410, 8.1130

Conversions

Conversions Part 2

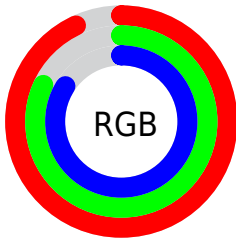
Format	Color
R _Y B	236, 208, 215
Decimal	15519959
CIE Lab	85.93, 10.90, 0.13
CIE LCh	86, 10.905, 0.675
Yxy	67.8509, 0.3290, 0.3216
Android (android.graphics.Color)	4293710039 (0xFFECD0D7)
YUV	217.1700, -1.0698, 16.5139
Hunter-Lab	82.3717, 6.2662, 4.6003

Details

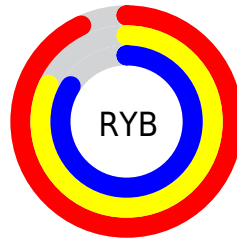
The Yxy color **67.8509, 0.3290, 0.3216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.0617, 0.2986, 0.3365**, and the grayscale version is **69.5120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3526, 0.3332, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **56.3269, 0.3463, 0.3149**, and if you desaturate by 10%, it is **81.1918, 0.3150, 0.3279**.

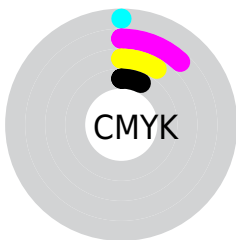
Distribution



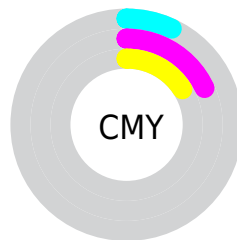
- Red (93%)
- Green (82%)
- Blue (84%)



- Red (93%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (7%)





- Cyan (7%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8509, 0.3290, 0.3216 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 67.8509, 0.3290, 0.3216 by changing the saturation by 10% instead.


 67.8509, 0.3290,
0.3216

 67.8509, 0.3290,
0.3216

452.9676, 0.3214,
0.3251

 49.7764, 0.3308,
0.3208


116.1388, 0.3263,
0.3228

 35.2358, 0.3330,
0.3198


147.1211, 0.3253,
0.3233

 23.8446, 0.3358,
0.3185


183.1747, 0.3244,
0.3237

 15.2184, 0.3395,
0.3168

224.6841, 0.3236,
0.3240

 8.9728, 0.3447,
0.3144

272.0337, 0.3230,
0.3244

 4.7234, 0.3523,
0.3109

325.6079, 0.3224,

 2.0859, 0.3647,

0.3246

0.3053

385.7911, 0.3218,
0.3249

0.6567, 0.3954,
0.2913

0.0000, 0.0000,
0.0000

67.8509, 0.3290,
0.3216

67.8509, 0.3290,
0.3216

56.3269, 0.3463,
0.3149

81.1918, 0.3150,
0.3279

46.5323, 0.3675,
0.3081

96.2819, 0.3037,
0.3335

38.3858, 0.3933,
0.3015

96.5733, 0.3011,
0.3290

31.7961, 0.4240,
0.2956

■ 26.6630, 0.4594,
0.2914

■ 22.8743, 0.4982,
0.2899

■ 20.3014, 0.5374,
0.2922

■ 18.7901, 0.5730,
0.2987

■ 18.1471, 0.5968,
0.3062

Harmonies

Analogous

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



67.8509, 0.3163, 0.3120



67.8509, 0.3290, 0.3216



67.8509, 0.3374, 0.3332

Triad

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



67.8509, 0.3290, 0.3216



67.8509, 0.3223, 0.3523



67.8509, 0.2871, 0.3133

Complementary

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



67.8509, 0.3290, 0.3216



79.0617, 0.2986, 0.3365

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.



67.8509, 0.2886, 0.3240



67.8509, 0.3290, 0.3216



67.8509, 0.3088, 0.3469

Square

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



67.8509, 0.3290, 0.3216



67.8509, 0.3334, 0.3511



67.8509, 0.2965, 0.3364



67.8509, 0.2922, 0.3072

Rectangle

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



67.8509, 0.3290, 0.3216



67.8509, 0.3393, 0.3407



67.8509, 0.2965, 0.3364



67.8509, 0.2868, 0.3165

Sweetspot

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



67.8539, 0.3290, 0.3216



93.1804, 0.3178, 0.3266



67.8300, 0.3090, 0.2993



19.6786, 0.3188, 0.3261



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.



67.8539, 0.3290, 0.3216



77.6921, 0.3325, 0.3202



70.9915, 0.3332, 0.3365



15.1156, 0.3254, 0.3231



10.0202, 0.5929, 0.3040



0.8018, 0.5539, 0.2825

Inverse Universe

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



67.8539, 0.3290, 0.3216



77.6921, 0.3325, 0.3202



75.5077, 0.2944, 0.3214



15.1156, 0.3254, 0.3231



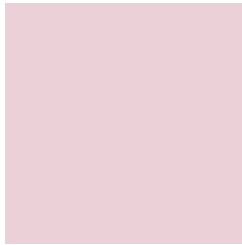
10.0202, 0.5929, 0.3040



0.8018, 0.5539, 0.2825

Previews

White Background



This preview shows how the Yxy color 67.8509, 0.3290, 0.3216 looks on a white background.

Color Contrast Check

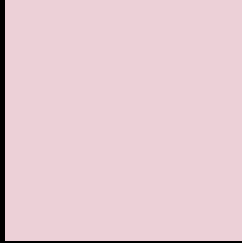
Large Text (above 18pt) WCAG AA × Fail

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 67.8509, 0.3290, 0.3216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

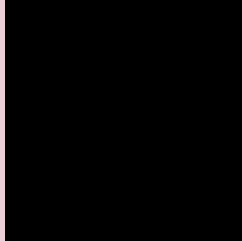
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8509, 0.3290, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 67.8509, 0.3290, 0.3216.

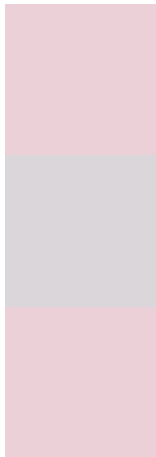


This preview shows how white text looks on a background with the Yxy color 67.8509, 0.3290, 0.3216.

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

67.8509, 0.3290, 0.3216

Protanopia

68.0605, 0.3129, 0.3246

Deuteranopia

67.8509, 0.3290, 0.3216



Tritanopia

67.9579, 0.3241, 0.3121

Trichromacy



Original Color

67.8509, 0.3290, 0.3216

Protanomaly

68.1043, 0.3189, 0.3236

Deuteranomaly

67.8509, 0.3290, 0.3216

Tritanomaly

67.7975, 0.3262, 0.3153

Monochromacy



Original Color

67.8509, 0.3290, 0.3216

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.8983, 0.3187, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8509, 0.3290, 0.3216 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(236, 208, 215)` looks like.

```
.text, #text, p{  
    color:rgb(236, 208, 215)  
}
```

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(236, 208, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.8509, 0.3290, 0.3216 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(236, 208, 215) }
```

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

```
.border{ border-color:rgb(236, 208, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 208, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 215);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8509, 0.3290, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 215) }
```

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

```
.background{ background-color: rgb(236,  
208, 215) }
```

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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