

Converting Colors

Yxy(69.6661, 0.3308, 0.3218)

Have a look what the booklet for
Yxy(69.6661, 0.3308, 0.3218)
contains.

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Color

Yxy(69.6282, 0.3304, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	F0D2D9
RGB	240, 210, 217
RGB Percent	94%, 82%, 85%
CMY	0.0587, 0.1765, 0.1491
CMYK	0.00, 0.13, 0.10, 0.06
HSL	346°, 50%, 88%
HSV	346°, 13%, 94%
XYZ	71.5112, 69.6282, 75.2989
YIQ	219.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

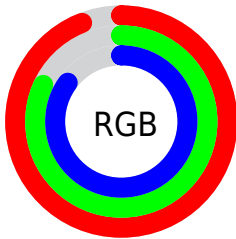
Format	Color
R _Y B	240, 210, 217
Decimal	15782617
CIE Lab	86.81, 11.60, 0.40
CIE LCh	87, 11.602, 1.985
Yxy	69.6282, 0.3304, 0.3217
Android (android.graphics.Color)	4293972697 (0xFFFF0D2D9)
YUV	219.7680, -1.3646, 17.7435
Hunter-Lab	83.4435, 6.9486, 4.9075

Details

The Yxy color $69.6282, 0.3304, 0.3217$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.9263, 0.2976, 0.3364$, and the grayscale version is $71.4046, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.2417, 0.3351, 0.3195$ is the 20% darker color. If you saturate the color by 10%, you get $57.7489, 0.3483, 0.3155$, and if you desaturate by 10%, it is $83.3983, 0.3159, 0.3276$.

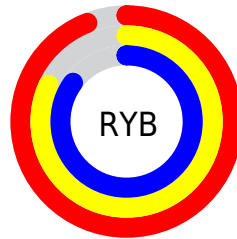
Distribution



Red (94%)

Green (82%)

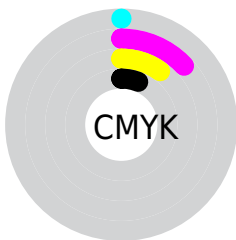
Blue (85%)



Red (94%)

Yellow (82%)

Blue (85%)

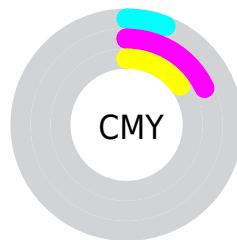


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (6%)



Cyan (6%)


Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6282, 0.3304, 0.3217 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 69.6282, 0.3304, 0.3217 by changing the saturation by 10% instead.

 69.6282, 0.3304,
0.3217

 69.6282, 0.3304,
0.3217

459.2435, 0.3221,
0.3251

 51.2235, 0.3323,
0.3209


118.6784, 0.3275,
0.3229

 36.3865, 0.3347,
0.3199


150.0927, 0.3264,
0.3234

 24.7328, 0.3377,
0.3187


186.6122, 0.3254,
0.3238

 15.8781, 0.3417,
0.3170

228.6215, 0.3246,
0.3241

 9.4380, 0.3472,
0.3147

276.5049, 0.3239,
0.3244

 5.0279, 0.3552,
0.3113

330.6467, 0.3232,

 2.2637, 0.3682,

0.3247

0.3058

391.4315, 0.3227,
0.3249

0.7544, 0.3949,
0.2949

0.0000, 0.0000,
0.0000

69.6282, 0.3304,
0.3217

69.6282, 0.3304,
0.3217

57.7489, 0.3483,
0.3155

83.3983, 0.3159,
0.3276

47.6687, 0.3703,
0.3091

97.1955, 0.3042,
0.3301

39.3022, 0.3972,
0.3029

97.2708, 0.3036,
0.3290

32.5535, 0.4291,
0.2976

■ 27.3168, 0.4658,
0.2939

■ 23.4741, 0.5056,
0.2929

■ 20.8895, 0.5454,
0.2956

■ 19.3993, 0.5807,
0.3024

■ 18.8141, 0.6021,
0.3090

Harmonies

Analogous

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



69.6282, 0.3171, 0.3115



69.6282, 0.3304, 0.3217



69.6282, 0.3390, 0.3339

Triad

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



69.6282, 0.3304, 0.3217



69.6282, 0.3222, 0.3535



69.6282, 0.2858, 0.3121

Complementary

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



69.6282, 0.3304, 0.3217



81.9263, 0.2976, 0.3364

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.



69.6282, 0.2871, 0.3231



69.6282, 0.3304, 0.3217



69.6282, 0.3079, 0.3475

Square

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



69.6282, 0.3304, 0.3217



69.6282, 0.3341, 0.3525



69.6282, 0.2952, 0.3362



69.6282, 0.2915, 0.3058

Rectangle

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



69.6282, 0.3304, 0.3217



69.6282, 0.3408, 0.3417



69.6282, 0.2952, 0.3362



69.6282, 0.2854, 0.3153

Sweetspot

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



69.6313, 0.3304, 0.3217



93.1698, 0.3179, 0.3267



69.7127, 0.3091, 0.2977



19.6759, 0.3189, 0.3263



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.



69.6313, 0.3304, 0.3217



76.2280, 0.3346, 0.3202



73.3301, 0.3344, 0.3375



15.8190, 0.3257, 0.3235



10.3130, 0.5983, 0.3069



0.8728, 0.5618, 0.2869

Inverse Universe

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



69.6313, 0.3304, 0.3217



76.2280, 0.3346, 0.3202



77.7203, 0.2934, 0.3204



15.8190, 0.3257, 0.3235



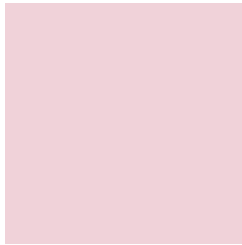
10.3130, 0.5983, 0.3069



0.8728, 0.5618, 0.2869

Previews

White Background



This preview shows how the Yxy color 69.6282, 0.3304, 0.3217 looks on a white background.

Color Contrast Check

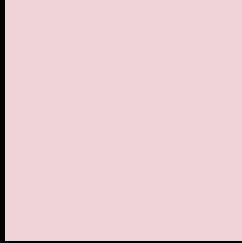
Large Text (above 18pt) WCAG AA × Fail

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 69.6282, 0.3304, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

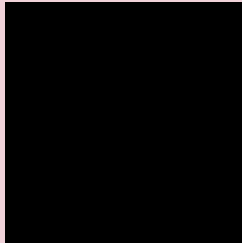
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.6282, 0.3304, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 69.6282, 0.3304, 0.3217.

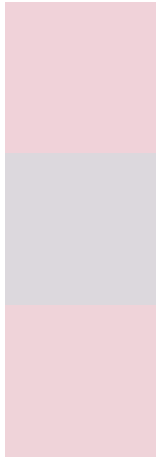


This preview shows how white text looks on a background with the Yxy color 69.6282, 0.3304, 0.3217.

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

69.6282, 0.3304, 0.3217

Protanopia

69.5478, 0.3123, 0.3235

Deuteranopia

69.9490, 0.3295, 0.3227



Tritanopia

69.7379, 0.3255, 0.3123

Trichromacy



Original Color

69.6282, 0.3304, 0.3217

Protanomaly

69.5913, 0.3181, 0.3225

Deuteranomaly

69.9490, 0.3295, 0.3227

Tritanomaly

69.5756, 0.3276, 0.3154

Monochromacy



Original Color

69.6282, 0.3304, 0.3217

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5571, 0.3187, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6282, 0.3304, 0.3217 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(240, 210, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 210, 217)  
}
```

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(240, 210, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 210, 217) }
```

Border

The CSS property to change the border of an element to Yxy 69.6282, 0.3304, 0.3217 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(240, 210, 217) }
```

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

```
.border{ border-color:rgb(240, 210, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 210, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 210, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 210, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 210,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6282, 0.3304, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 210, 217) }
```

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

```
.background{ background-color: rgb(240,  
210, 217) }
```

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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