

Converting Colors

$Y_{xy}(69.1831, 0.3320, 0.3225)$

Have a look what the booklet for
Yxy(69.1831, 0.3320, 0.3225)
contains.

Yxy(69.0325, 0.3319, 0.3227)	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(69.0325, 0.3319, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F0D1D7
RGB	240, 209, 215
RGB Percent	94%, 82%, 84%
CMY	0.0589, 0.1804, 0.1568
CMYK	0.00, 0.13, 0.10, 0.06
HSL	348°, 51%, 88%
HSV	348°, 13%, 94%
XYZ	71.0006, 69.0325, 73.8885
YIQ	218.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

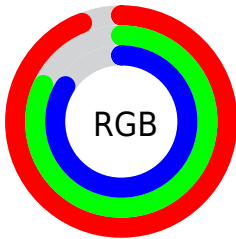
Format	Color
R _Y B	240, 209, 215
Decimal	15782359
CIE Lab	86.52, 11.78, 1.01
CIE LCh	87, 11.820, 4.882
Yxy	69.0325, 0.3319, 0.3227
Android (android.graphics.Color)	4293972439 (0xFFFF0D1D7)
YUV	218.9530, -1.9488, 18.4582
Hunter-Lab	83.0858, 7.1362, 5.4332

Details

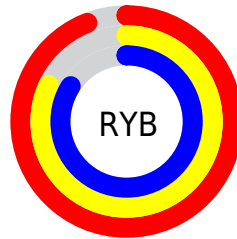
The Yxy color $69.0325, 0.3319, 0.3227$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.8084, 0.2964, 0.3354$, and the grayscale version is $70.8112, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.1711, 0.3370, 0.3222$ is the 20% darker color. If you saturate the color by 10%, you get $57.1962, 0.3509, 0.3175$, and if you desaturate by 10%, it is $82.7662, 0.3166, 0.3276$.

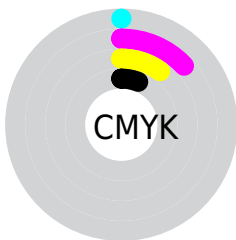
Distribution



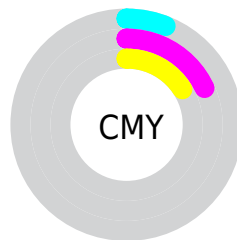
- Red (94%)
- Green (82%)
- Blue (84%)



- Red (94%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (6%)





- Cyan (6%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0325, 0.3319, 0.3227 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 69.0325, 0.3319, 0.3227 by changing the saturation by 10% instead.

 69.0325, 0.3319,
0.3227

 69.0325, 0.3319,
0.3227

457.1456, 0.3229,
0.3257

 50.7382, 0.3340,
0.3220


117.8280, 0.3288,
0.3237

 36.0003, 0.3366,
0.3211


149.0980, 0.3275,
0.3241

 24.4344, 0.3399,
0.3200


185.4619, 0.3265,
0.3245

 15.6562, 0.3442,
0.3185

227.3043, 0.3256,
0.3248

 9.2812, 0.3503,
0.3165

275.0094, 0.3248,
0.3251

 4.9250, 0.3591,
0.3134

328.9618, 0.3241,

 2.2033, 0.3735,

0.3253

0.3085

389.5457, 0.3235,
0.3255

0.7218, 0.4055,
0.2985

0.0000, 0.0000,
0.0000

69.0325, 0.3319,
0.3227

69.0325, 0.3319,
0.3227

57.1962, 0.3509,
0.3175

82.7662, 0.3166,
0.3276

47.1650, 0.3743,
0.3122

97.1797, 0.3043,
0.3302

38.8525, 0.4028,
0.3070

97.2632, 0.3035,
0.3290

32.1618, 0.4367,
0.3027

■ 26.9863, 0.4756,
0.2999

■ 23.2064, 0.5174,
0.2996

■ 20.6844, 0.5583,
0.3026

■ 19.2543, 0.5932,
0.3091

■ 18.7253, 0.6123,
0.3147

Harmonies

Analogous

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



69.0325, 0.3186, 0.3120



69.0325, 0.3319, 0.3227



69.0325, 0.3401, 0.3352

Triad

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



69.0325, 0.3319, 0.3227



69.0325, 0.3210, 0.3538



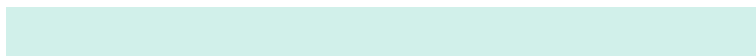
69.0325, 0.2855, 0.3108

Complementary

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



69.0325, 0.3319, 0.3227



81.8084, 0.2964, 0.3354

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.



69.0325, 0.2861, 0.3218



69.0325, 0.3319, 0.3227



69.0325, 0.3064, 0.3470

Square

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



69.0325, 0.3319, 0.3227



69.0325, 0.3336, 0.3534



69.0325, 0.2937, 0.3351



69.0325, 0.2919, 0.3050

Rectangle

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



69.0325, 0.3319, 0.3227



69.0325, 0.3414, 0.3431



69.0325, 0.2937, 0.3351



69.0325, 0.2849, 0.3140

Sweetspot

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



69.0356, 0.3319, 0.3227



93.1458, 0.3181, 0.3271



69.3526, 0.3097, 0.2967



19.6698, 0.3192, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

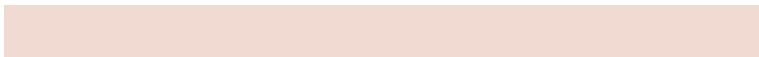
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0356, 0.3319, 0.3227



76.1485, 0.3356, 0.3216



73.4266, 0.3350, 0.3389



15.8090, 0.3263, 0.3244



10.2663, 0.6089, 0.3128



0.8676, 0.5740, 0.2936

Inverse Universe

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



69.0356, 0.3319, 0.3227



76.1485, 0.3356, 0.3216



76.8277, 0.2927, 0.3189



15.8090, 0.3263, 0.3244



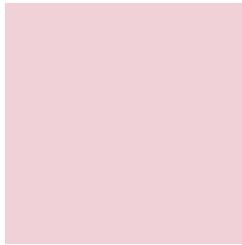
10.2663, 0.6089, 0.3128



0.8676, 0.5740, 0.2936

Previews

White Background



This preview shows how the Yxy color 69.0325, 0.3319, 0.3227 looks on a white background.

Color Contrast Check

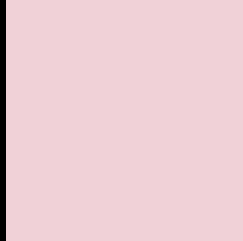
Large Text (above 18pt) WCAG AA × Fail

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 69.0325, 0.3319, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

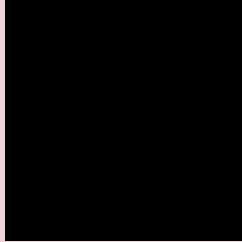
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0325, 0.3319, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 69.0325, 0.3319, 0.3227.



This preview shows how white text looks on a background with the Yxy color 69.0325, 0.3319, 0.3227.

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

69.0325, 0.3319, 0.3227

Protanopia

69.4419, 0.3136, 0.3257

Deuteranopia

69.1766, 0.3303, 0.3238



Tritanopia

69.1943, 0.3263, 0.3123

Trichromacy



Original Color

69.0325, 0.3319, 0.3227

Protanomaly

68.9813, 0.3196, 0.3236

Deuteranomaly

69.3502, 0.3310, 0.3238

Tritanomaly

69.0330, 0.3284, 0.3154

Monochromacy



Original Color

69.0325, 0.3319, 0.3227

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9937, 0.3195, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0325, 0.3319, 0.3227 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, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(240, 209, 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(240, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 209, 215) }
```

Border

The CSS property to change the border of an element to Yxy 69.0325, 0.3319, 0.3227 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, 209, 215) }
```

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

```
.border{ border-color:rgb(240, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(240, 209,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0325, 0.3319, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 209, 215) }
```

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

```
.background{ background-color: rgb(240,  
209, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor