

Converting Colors

$Yxy(66.3378, 0.3404, 0.3274)$

Have a look what the booklet for
Yxy(66.3378, 0.3404, 0.3274)
contains.

Yxy(66.3427, 0.3401, 0.3270)	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(66.3427, 0.3401, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F1CCCE
RGB	241, 204, 206
RGB Percent	95%, 80%, 81%
CMY	0.0550, 0.1999, 0.1923
CMYK	0.00, 0.15, 0.15, 0.05
HSL	357°, 57%, 87%
HSV	357°, 15%, 95%
XYZ	69.0005, 66.3427, 67.5397
YIQ	215.2910, 21.4100, 8.4660

Conversions

Conversions Part 2

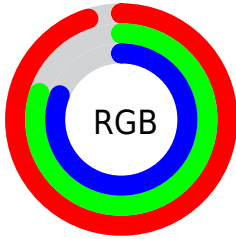
Format	Color
R _Y B	241, 204, 206
Decimal	15846606
CIE Lab	85.17, 13.29, 3.87
CIE LCh	85, 13.843, 16.213
Yxy	66.3427, 0.3401, 0.3270
Android (android.graphics.Color)	4294036686 (0xFFFF1CCCE)
YUV	215.2910, -4.5805, 22.5468
Hunter-Lab	81.4510, 8.6753, 7.8521

Details

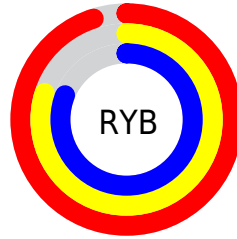
The Yxy color $66.3427, 0.3401, 0.3270$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $81.9722, 0.2905, 0.3310$, and the grayscale version is $68.1826, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3940, 0.3471, 0.3263$ is the 20% darker color. If you saturate the color by 10%, you get $54.7318, 0.3637, 0.3256$, and if you desaturate by 10%, it is $79.8929, 0.3212, 0.3283$.

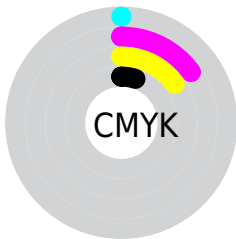
Distribution



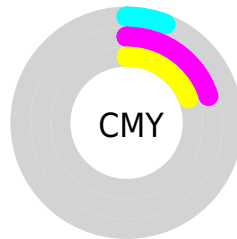
- Red (95%)
- Green (80%)
- Blue (81%)



- Red (95%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (5%)




- Cyan (6%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3427, 0.3401, 0.3270 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 66.3427, 0.3401, 0.3270 by changing the saturation by 10% instead.


 66.3427, 0.3401,
0.3270

 66.3427, 0.3401,
0.3270

447.6015, 0.3271,
0.3281

 48.5507, 0.3431,
0.3267


113.9781, 0.3355,
0.3274

 34.2632, 0.3469,
0.3264


144.5902, 0.3338,
0.3275

 23.0958, 0.3518,
0.3259


180.2444, 0.3323,
0.3277

 14.6643, 0.3582,
0.3252

221.3252, 0.3310,
0.3278

 8.5841, 0.3672,
0.3242

268.2169, 0.3299,
0.3279

 4.4709, 0.3807,
0.3225

321.3039, 0.3288,

 1.9403, 0.4028,

0.3279

0.3193

380.9706, 0.3280,
0.3280

0.5725, 0.4842,
0.3190

0.0000, 0.0000,
0.0000

66.3427, 0.3401,
0.3270

66.3427, 0.3401,
0.3270

54.7318, 0.3637,
0.3256

79.8929, 0.3212,
0.3283

44.9632, 0.3930,
0.3242

95.4561, 0.3061,
0.3296

36.9449, 0.4287,
0.3230

97.4372, 0.3041,
0.3290

30.5735, 0.4706,
0.3221

■ 25.7346, 0.5170,
0.3219

■ 22.2992, 0.5633,
0.3226

■ 20.1176, 0.6027,
0.3244

■ 19.0053, 0.6288,
0.3270

■ 18.7256, 0.6360,
0.3277

Harmonies

Analogous

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



66.3427, 0.3261, 0.3132



66.3427, 0.3401, 0.3270



66.3427, 0.3466, 0.3417

Triad

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



66.3427, 0.3401, 0.3270



66.3427, 0.3160, 0.3564



66.3427, 0.2824, 0.3040

Complementary

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



66.3427, 0.3401, 0.3270



81.9722, 0.2905, 0.3310

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.



66.3427, 0.2800, 0.3149



66.3427, 0.3401, 0.3270



66.3427, 0.2990, 0.3456

Square

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



66.3427, 0.3401, 0.3270



66.3427, 0.3324, 0.3592



66.3427, 0.2860, 0.3301



66.3427, 0.2928, 0.3000

Rectangle

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



66.3427, 0.3401, 0.3270



66.3427, 0.3458, 0.3502



66.3427, 0.2860, 0.3301



66.3427, 0.2807, 0.3069

Sweetspot

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



66.3457, 0.3401, 0.3270



91.3796, 0.3207, 0.3284



67.8100, 0.3127, 0.2908



19.3096, 0.3218, 0.3283



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.



66.3457, 0.3401, 0.3270



71.6394, 0.3460, 0.3266



74.2620, 0.3390, 0.3459



15.7724, 0.3285, 0.3278



10.1622, 0.6345, 0.3269



0.8501, 0.6202, 0.3190

Inverse Universe

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



66.3457, 0.3401, 0.3270



71.6394, 0.3460, 0.3266



73.0197, 0.2887, 0.3115



15.7724, 0.3285, 0.3278



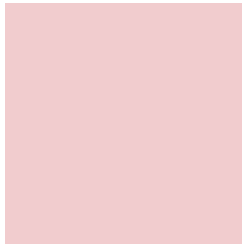
10.1622, 0.6345, 0.3269



0.8501, 0.6202, 0.3190

Previews

White Background



This preview shows how the Yxy color 66.3427, 0.3401, 0.3270 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 66.3427, 0.3401, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

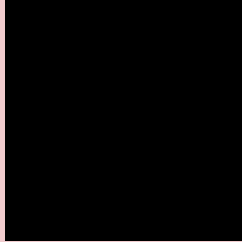
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3427, 0.3401, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 66.3427, 0.3401, 0.3270.



This preview shows how white text looks on a background with the Yxy color 66.3427, 0.3401, 0.3270.

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

66.3427, 0.3401, 0.3270

Protanopia

66.4918, 0.3178, 0.3313

Deuteranopia

66.4317, 0.3359, 0.3291



Tritanopia

66.3577, 0.3329, 0.3123

Trichromacy



Original Color

66.3427, 0.3401, 0.3270

Protanomaly

66.3731, 0.3256, 0.3290

Deuteranomaly

66.2960, 0.3376, 0.3280

Tritanomaly

66.4442, 0.3350, 0.3175

Monochromacy



Original Color

66.3427, 0.3401, 0.3270

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1893, 0.3217, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3427, 0.3401, 0.3270 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(241, 204, 206)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 206)  
}
```

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(241, 204, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 206) }
```

Border

The CSS property to change the border of an element to Yxy 66.3427, 0.3401, 0.3270 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(241, 204, 206) }
```

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

```
.border{ border-color:rgb(241, 204, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 204, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 206);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3427, 0.3401, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 206) }
```

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

```
.background{ background-color: rgb(241,  
204, 206) }
```

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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