

Converting Colors

$Yxy(65.6025, 0.3387, 0.3291)$

Have a look what the booklet for
Yxy(65.6025, 0.3387, 0.3291)
contains.

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Color

Yxy(65.5499, 0.3385, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EDCCCC
RGB	237, 204, 204
RGB Percent	93%, 80%, 80%
CMY	0.0705, 0.2000, 0.2001
CMYK	0.00, 0.14, 0.14, 0.07
HSL	0°, 48%, 86%
HSV	0°, 14%, 93%
XYZ	67.4222, 65.5499, 66.2072
YIQ	213.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

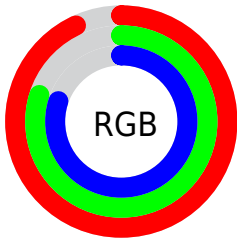
Format	Color
R _Y B	237, 204, 204
Decimal	15584460
CIE Lab	84.77, 11.58, 4.30
CIE LCh	85, 12.355, 20.351
Yxy	65.5499, 0.3385, 0.3291
Android (android.graphics.Color)	4293774540 (0xFFEDCCCC)
YUV	213.8670, -4.8644, 20.2876
Hunter-Lab	80.9629, 6.9616, 8.1898

Details

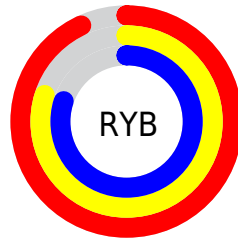
The Yxy color $65.5499, 0.3385, 0.3291$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.5230, 0.2915, 0.3289$, and the grayscale version is $67.1772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.8385, 0.3449, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $54.0849, 0.3627, 0.3292$, and if you desaturate by 10%, it is $78.9059, 0.3192, 0.3290$.

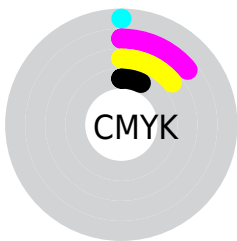
Distribution



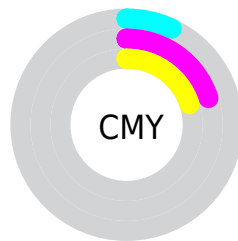
- Red (93%)
- Green (80%)
- Blue (80%)



- Red (93%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5499, 0.3385, 0.3291 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 65.5499, 0.3385, 0.3291 by changing the saturation by 10% instead.


 65.5499, 0.3385,
0.3291

 65.5499, 0.3385,
0.3291


444.7654, 0.3263,
0.3292

 47.9071, 0.3414,
0.3291


112.8401, 0.3342,
0.3291

 33.7533, 0.3450,
0.3290


143.2563, 0.3325,
0.3292

 22.7042, 0.3496,
0.3289


178.6990, 0.3311,
0.3292

 14.3752, 0.3557,
0.3287

219.5528, 0.3299,
0.3292

 8.3821, 0.3643,
0.3283

266.2019, 0.3288,
0.3292

 4.3404, 0.3771,
0.3276

319.0308, 0.3279,

 1.8657, 0.3984,

0.3292

378.4238, 0.3270,
0.3292

0.3260

0.5277, 0.4945,
0.3327

0.0000, 0.0000,
0.0000

65.5499, 0.3385,
0.3291

65.5499, 0.3385,
0.3291

54.0849, 0.3627,
0.3292

78.9059, 0.3192,
0.3290

44.4173, 0.3928,
0.3293

94.2237, 0.3038,
0.3290

36.4586, 0.4296,
0.3294

96.7502, 0.3018,
0.3290

30.1095, 0.4729,
0.3296

■ 25.2604, 0.5207,
0.3297

■ 21.7880, 0.5680,
0.3299

■ 19.5494, 0.6074,
0.3299

■ 18.3709, 0.6319,
0.3300

■ 18.0141, 0.6400,
0.3300

Harmonies

Analogous

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



65.5499, 0.3267, 0.3164



65.5499, 0.3385, 0.3291



65.5499, 0.3432, 0.3421

Triad

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



65.5499, 0.3385, 0.3291



65.5499, 0.3135, 0.3525



65.5499, 0.2864, 0.3057

Complementary

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



65.5499, 0.3385, 0.3291



79.5230, 0.2915, 0.3289

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.



65.5499, 0.2831, 0.3147



65.5499, 0.3385, 0.3291



65.5499, 0.2986, 0.3421

Square

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



65.5499, 0.3385, 0.3291



65.5499, 0.3286, 0.3562



65.5499, 0.2875, 0.3281



65.5499, 0.2966, 0.3030

Rectangle

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



65.5499, 0.3385, 0.3291



65.5499, 0.3417, 0.3494



65.5499, 0.2875, 0.3281



65.5499, 0.2845, 0.3081

Sweetspot

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



65.5528, 0.3385, 0.3291



93.0289, 0.3193, 0.3290



67.2991, 0.3143, 0.2946



19.6404, 0.3206, 0.3290



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.



65.5528, 0.3385, 0.3291



72.9242, 0.3455, 0.3291



73.8192, 0.3360, 0.3466



15.0559, 0.3293, 0.3291



9.8328, 0.6400, 0.3300



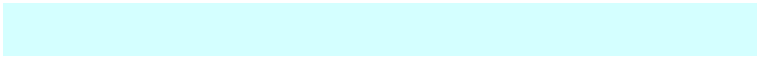
0.7727, 0.6399, 0.3301

Inverse Universe

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



79.5230, 0.2915, 0.3289



92.6643, 0.2870, 0.3289



70.4004, 0.2909, 0.3107



17.1199, 0.2981, 0.3289



36.3510, 0.2246, 0.3285



2.8551, 0.2246, 0.3285

Previews

White Background



This preview shows how the Yxy color 65.5499, 0.3385, 0.3291 looks on a white background.

Color Contrast Check

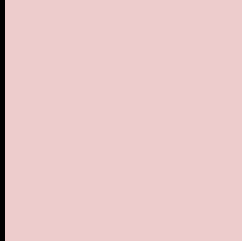
Large Text (above 18pt) WCAG AA × Fail

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 65.5499, 0.3385, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

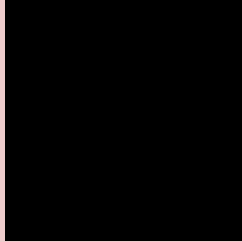
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5499, 0.3385, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 65.5499, 0.3385, 0.3291.



This preview shows how white text looks on a background with the Yxy color 65.5499, 0.3385, 0.3291.

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

65.5499, 0.3385, 0.3291

Protanopia

65.7415, 0.3185, 0.3324

Deuteranopia

65.6844, 0.3367, 0.3302



Tritanopia

65.6537, 0.3298, 0.3121

Trichromacy



Original Color

65.5499, 0.3385, 0.3291

Protanomaly

65.4640, 0.3256, 0.3301

Deuteranomaly

65.8551, 0.3375, 0.3302

Tritanomaly

65.6931, 0.3326, 0.3184

Monochromacy



Original Color

65.5499, 0.3385, 0.3291

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.2759, 0.3217, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5499, 0.3385, 0.3291 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(237, 204, 204)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 204)  
}
```

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(237, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 204) }
```

Border

The CSS property to change the border of an element to Yxy 65.5499, 0.3385, 0.3291 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(237, 204, 204) }
```

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

```
.border{ border-color:rgb(237, 204, 204) }
```

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

Here you see how a box with a 4 pixel rgb(237, 204, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5499, 0.3385, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 204) }
```

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

```
.background{ background-color: rgb(237,  
204, 204) }
```

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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