

Converting Colors

$Yxy(65.3287, 0.3352, 0.3301)$

Have a look what the booklet for
Yxy(65.3287, 0.3352, 0.3301)
contains.

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Color

Yxy(65.3459, 0.3352, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	E9CDCC
RGB	233, 205, 204
RGB Percent	91%, 80%, 80%
CMY	0.0862, 0.1961, 0.2002
CMYK	0.00, 0.12, 0.12, 0.09
HSL	2°, 40%, 86%
HSV	2°, 12%, 91%
XYZ	66.3354, 65.3459, 66.2167
YIQ	213.2580, 17.0090, 5.6250

Conversions

Conversions Part 2

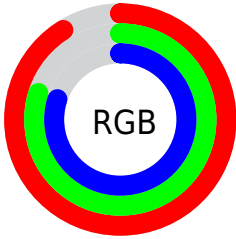
Format	Color
R _Y B	233, 205, 204
Decimal	15322572
CIE Lab	84.66, 9.63, 4.11
CIE LCh	85, 10.466, 23.112
Yxy	65.3459, 0.3352, 0.3302
Android (android.graphics.Color)	4293512652 (0xFFE9CDCC)
YUV	213.2580, -4.5642, 17.3137
Hunter-Lab	80.8368, 5.0142, 8.0190

Details

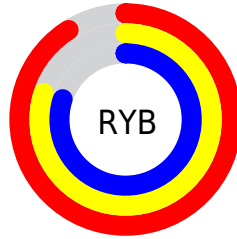
The Yxy color **65.3459, 0.3352, 0.3302** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4160, 0.2936, 0.3278**, and the grayscale version is **66.7453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6823, 0.3405, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **54.3259, 0.3583, 0.3313**, and if you desaturate by 10%, it is **78.0820, 0.3167, 0.3292**.

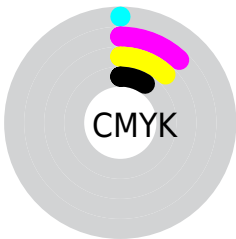
Distribution



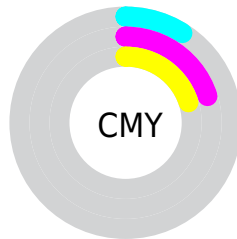
- Red (91%)
- Green (80%)
- Blue (80%)



- Red (91%)
- Yellow (80%)
- Blue (80%)



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





- Cyan (9%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3459, 0.3352, 0.3302 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 65.3459, 0.3352, 0.3302 by changing the saturation by 10% instead.

 65.3459, 0.3352,
0.3302

 65.3459, 0.3352,
0.3302


444.0339, 0.3245,
0.3297

 47.7416, 0.3377,
0.3303


112.5470, 0.3314,
0.3301

 33.6223, 0.3408,
0.3304


142.9126, 0.3300,
0.3300

 22.6036, 0.3449,
0.3305


178.3008, 0.3288,
0.3299

 14.3011, 0.3502,
0.3306

219.0959, 0.3277,
0.3299

 8.3304, 0.3577,
0.3307

265.6824, 0.3268,
0.3298

 4.3071, 0.3690,
0.3307

318.4447, 0.3259,

 1.8468, 0.3876,

0.3298

0.3303

377.7670, 0.3252,
0.3298

0.5161, 0.4785,
0.3404

0.0000, 0.0000,
0.0000

65.3459, 0.3352,
0.3302

65.3459, 0.3352,
0.3302

54.3259, 0.3583,
0.3313

78.0820, 0.3167,
0.3292

44.9405, 0.3868,
0.3323

92.5940, 0.3018,
0.3283

37.1146, 0.4217,
0.3334

96.0671, 0.2994,
0.3290

30.7635, 0.4630,
0.3343

■ 25.7950, 0.5092,
0.3348

■ 22.1060, 0.5563,
0.3347

■ 19.5795, 0.5977,
0.3338

■ 18.0768, 0.6264,
0.3323

■ 17.5089, 0.6381,
0.3315

Harmonies

Analogous

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



65.3459, 0.3257, 0.3192



65.3459, 0.3352, 0.3302



65.3459, 0.3386, 0.3412

Triad

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



65.3459, 0.3352, 0.3302



65.3459, 0.3122, 0.3483



65.3459, 0.2909, 0.3088

Complementary

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



65.3459, 0.3352, 0.3302



76.4160, 0.2936, 0.3278

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.



65.3459, 0.2876, 0.3161



65.3459, 0.3352, 0.3302



65.3459, 0.2997, 0.3391

Square

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



65.3459, 0.3352, 0.3302



65.3459, 0.3251, 0.3520



65.3459, 0.2907, 0.3272



65.3459, 0.3001, 0.3069

Rectangle

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



65.3459, 0.3352, 0.3302



65.3459, 0.3368, 0.3470



65.3459, 0.2907, 0.3272



65.3459, 0.2891, 0.3107

Sweetspot

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



65.3488, 0.3352, 0.3302



93.2459, 0.3193, 0.3294



66.3224, 0.3148, 0.2993



19.6950, 0.3206, 0.3294



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.



65.3488, 0.3352, 0.3302



76.4640, 0.3407, 0.3305



72.5874, 0.3332, 0.3457



15.1407, 0.3292, 0.3299



9.9710, 0.6374, 0.3321



0.8136, 0.6302, 0.3378

Inverse Universe

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



76.4160, 0.2936, 0.3278



92.5798, 0.2898, 0.3275



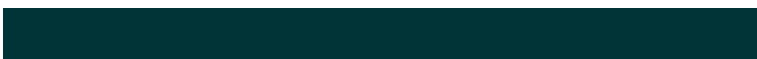
68.6107, 0.2933, 0.3117



17.0236, 0.2981, 0.3281



33.8215, 0.2216, 0.3178



2.6849, 0.2221, 0.3194

Previews

White Background



This preview shows how the Yxy color 65.3459, 0.3352, 0.3302 looks on a white background.

Color Contrast Check

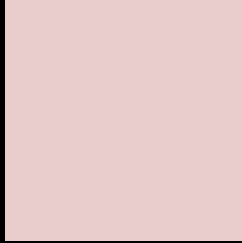
Large Text (above 18pt) WCAG AA × Fail

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 65.3459, 0.3352, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

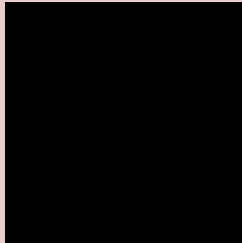
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3459, 0.3352, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 65.3459, 0.3352, 0.3302.



This preview shows how white text looks on a background with the Yxy color 65.3459, 0.3352, 0.3302.

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

65.3459, 0.3352, 0.3302

Protanopia

65.6925, 0.3192, 0.3335

Deuteranopia

65.2075, 0.3369, 0.3291



Tritanopia

65.4885, 0.3258, 0.3119

Trichromacy



Original Color

65.3459, 0.3352, 0.3302

Protanomaly

65.5868, 0.3247, 0.3324

Deuteranomaly

65.0378, 0.3361, 0.3291

Tritanomaly

65.5332, 0.3286, 0.3183

Monochromacy



Original Color

65.3459, 0.3352, 0.3302

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.9620, 0.3202, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3459, 0.3352, 0.3302 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(233, 205, 204)` looks like.

```
.text, #text, p{  
    color:rgb(233, 205, 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(233, 205, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 205, 204) }
```

Border

The CSS property to change the border of an element to Yxy 65.3459, 0.3352, 0.3302 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(233, 205, 204) }
```

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

```
.border{ border-color:rgb(233, 205, 204) }
```

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

Here you see how a box with a 4 pixel rgb(233, 205, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 205, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 205, 204);  
box-shadow:4px 4px 4px 4px rgb(233, 205,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3459, 0.3352, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 205, 204) }
```

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

```
.background{ background-color: rgb(233,  
205, 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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