

Converting Colors

$Y_{xy}(35.0841, 0.4202, 0.3256)$

Have a look what the booklet for
Yxy(35.0841, 0.4202, 0.3256)
contains.

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Color

Yxy(35.0748, 0.4205, 0.3259)

Conversions

| Conversions Part 1 | |
|--------------------|----------------------------|
| Format | Color |
| Hex | E68487 |
| RGB | 230, 132, 135 |
| RGB Percent | 90%, 52%, 53% |
| CMY | 0.0980, 0.4823, 0.4707 |
| CMYK | 0.00, 0.43, 0.41, 0.10 |
| HSL | 358°, 66%, 71% |
| HSV | 358°, 43%, 90% |
| XYZ | 45.2561, 35.0748, 27.2936 |
| YIQ | 161.6440, 57.4450, 21.7090 |

Conversions

Conversions Part 2

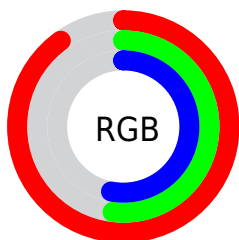
| Format | Color |
|-------------------------------------|---|
| RYB | 230, 132, 135 |
| Decimal | 15107207 |
| CIELab | 65.81, 37.82, 14.94 |
| CIELCh | 66, 40.665, 21.558 |
| Yxy | 35.0748, 0.4205, 0.3259 |
| Android (android.graphics.Color) | 4293297287 (0xFFE68487) |
| YUV | 161.6440, -13.1355, 59.9482 |
| Hunter-Lab | 59.2240, 32.7590, 14.1328 |

Details

The Yxy color **35.0748, 0.4205, 0.3259** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.0495, 0.2563, 0.3325**, and the grayscale version is **35.9988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0087, 0.3700, 0.3271**, and **15.0511, 0.4559, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **28.9471, 0.4616, 0.3254**, and if you desaturate by 10%, it is **42.7127, 0.3859, 0.3266**.

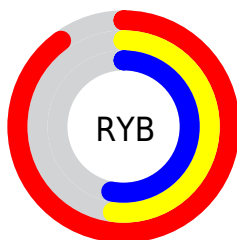
Distribution



Red (90%)

Green (52%)

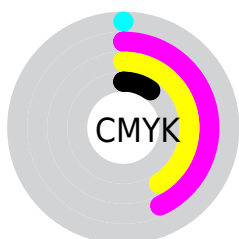
Blue (53%)



Red (90%)

Yellow (52%)

Blue (53%)

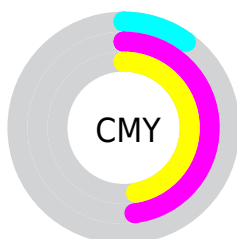


Cyan (0%)

Magenta (43%)

Yellow (41%)

Black (10%)



Cyan (10%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0748, 0.4205, 0.3259 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 35.0748, 0.4205, 0.3259 by changing the saturation by 10% instead.

 35.0748, 0.4205,
0.3259


 35.0748, 0.4205,
0.3259


324.8984, 0.3635,
0.3294


 23.7205, 0.4356,
0.3243


 67.6016, 0.3991,
0.3277

 15.1264, 0.4555,
0.3218


 89.5429, 0.3913,
0.3282

 8.9082, 0.4827,
0.3176


 115.7821, 0.3847,
0.3286

 4.6813, 0.5218,
0.3100

146.7034, 0.3792,
0.3288

 2.0615, 0.5820,
0.2949

182.6913, 0.3745,
0.3290

 0.6429, 0.7304,
0.2696


224.1301, 0.3703,


 0.0000, 1.0000,


0.3292


0.0000

271.4044, 0.3667,
0.3293


 0.0000, 0.0000,
0.0000


 35.0748, 0.4205,
0.3259


 35.0748, 0.4205,
0.3259


 28.9471, 0.4616,
0.3254


 42.7127, 0.3859,
0.3266


 24.2245, 0.5078,
0.3252


 51.9459, 0.3576,
0.3273


 20.7972, 0.5551,
0.3256


 62.8598, 0.3349,
0.3281


 18.5367, 0.5968,
0.3265

 75.5320, 0.3168,
0.3288

 17.2881, 0.6259,
0.3280

 90.0352, 0.3023,
0.3295

 16.8385, 0.6377,
0.3286

 95.5633, 0.2976,
0.3290

Harmonies

Analogous

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



35.0748, 0.3705, 0.2819



35.0748, 0.4205, 0.3259



35.0748, 0.4373, 0.3738

Triad

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



35.0748, 0.4205, 0.3259



35.0748, 0.3087, 0.4315



35.0748, 0.2143, 0.2373

Complementary

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



35.0748, 0.4205, 0.3259



67.0495, 0.2563, 0.3325

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.



35.0748, 0.2019, 0.2655



35.0748, 0.4205, 0.3259



35.0748, 0.2525, 0.3821

Square

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



35.0748, 0.4205, 0.3259



35.0748, 0.3691, 0.4422



35.0748, 0.2148, 0.3176



35.0748, 0.2505, 0.2327

Rectangle

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



35.0748, 0.4205, 0.3259



35.0748, 0.4275, 0.4039



35.0748, 0.2148, 0.3176



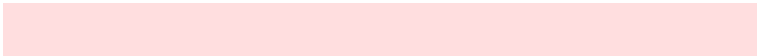
35.0748, 0.2074, 0.2440

Sweetspot

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



35.0766, 0.4205, 0.3259



78.7425, 0.3359, 0.3281



38.5061, 0.3146, 0.2238



16.1634, 0.3405, 0.3279



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.



35.0766, 0.4205, 0.3259



37.4962, 0.4559, 0.3255



50.2265, 0.4001, 0.3815



14.3750, 0.3288, 0.3283



9.5360, 0.6368, 0.3281



0.7072, 0.6275, 0.3230

Inverse Universe

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



35.0766, 0.4205, 0.3259



37.4962, 0.4559, 0.3255



45.0136, 0.2449, 0.2689



14.3750, 0.3288, 0.3283



9.5360, 0.6368, 0.3281



0.7072, 0.6275, 0.3230

Previews

White Background



This preview shows how the Yxy color 35.0748, 0.4205, 0.3259 looks on a white background.

Color Contrast Check

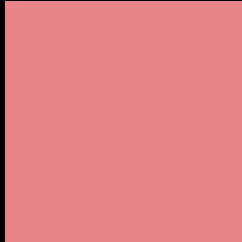
Large Text (above 18pt) WCAG AA × Fail

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 35.0748, 0.4205, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

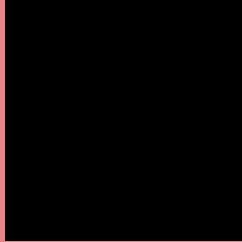
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0748, 0.4205, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 35.0748, 0.4205, 0.3259.



This preview shows how white text looks on a background with the Yxy color 35.0748, 0.4205, 0.3259.

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

35.0748, 0.4205, 0.3259

Protanopia

35.4185, 0.3286, 0.3451

Deuteranopia

35.1890, 0.3684, 0.3610



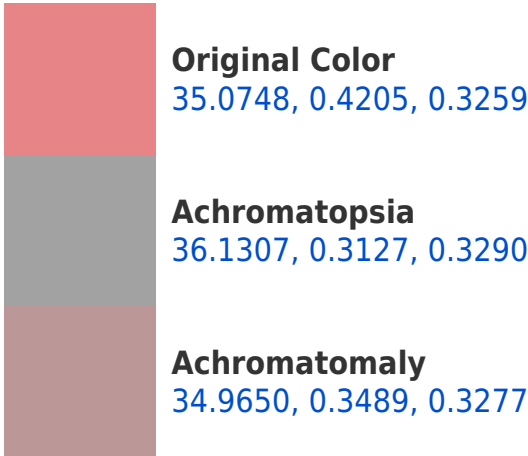
Tritanopia

34.9787, 0.4138, 0.3177

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0748, 0.4205, 0.3259 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(230, 132, 135) looks like.

```
.text, #text, p{  
    color:rgb(230, 132, 135)  
}
```

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(230, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 132, 135) }
```

Border

The CSS property to change the border of an element to Yxy 35.0748, 0.4205, 0.3259 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(230, 132, 135) }
```

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

```
.border{ border-color:rgb(230, 132, 135) }
```

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

Here you see how a box with a 4 pixel rgb(230, 132, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(230, 132,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0748, 0.4205, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 132, 135) }
```

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

```
.background{ background-color: rgb(230,  
132, 135) }
```

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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