

Converting Colors

$Y_{xy}(35.6110, 0.3517, 0.2986)$

Have a look what the booklet for
Yxy(35.6110, 0.3517, 0.2986)
contains.

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Color

Yxy(35.6110, 0.3517, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	CC90A8
RGB	204, 144, 168
RGB Percent	80%, 56%, 66%
CMY	0.2000, 0.4353, 0.3412
CMYK	0.00, 0.29, 0.18, 0.20
HSL	336°, 37%, 68%
HSV	336°, 29%, 80%
XYZ	41.9437, 35.6110, 41.7052
YIQ	164.6760, 28.0560, 20.1840

Conversions

Conversions Part 2

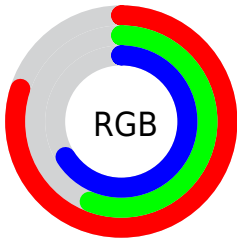
Format	Color
R_{YB}	204, 144, 168
Decimal	13406376
CIE _{Lab}	66.22, 26.26, -3.49
CIE _{LCh}	66, 26.494, 352.441
Yxy	35.6110, 0.3517, 0.2986
Android (android.graphics.Color)	4291596456 (0xFFCC90A8)
YUV	164.6760, 1.6387, 34.4871
Hunter-Lab	59.6750, 21.0310, 0.3363

Details

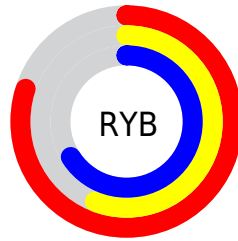
The Yxy color **35.6110, 0.3517, 0.2986** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.4145, 0.2853, 0.3618**, and the grayscale version is **37.4464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9759, 0.3390, 0.3037**, and **15.4792, 0.3643, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **29.5460, 0.3707, 0.2879**, and if you desaturate by 10%, it is **42.8389, 0.3359, 0.3094**.

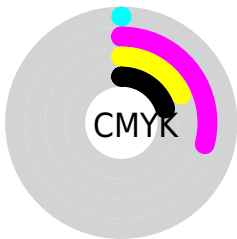
Distribution



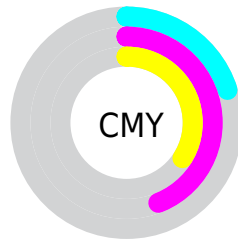
- Red (80%)
- Green (56%)
- Blue (66%)



- Red (80%)
- Yellow (56%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6110, 0.3517, 0.2986 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 35.6110, 0.3517, 0.2986 by changing the saturation by 10% instead.


 35.6110, 0.3517,
0.2986


 35.6110, 0.3517,
0.2986


327.2571, 0.3315,
0.3142

 24.1339, 0.3570,
0.2946


 68.4312, 0.3442,
0.3044

 15.4330, 0.3639,
0.2893


 90.5432, 0.3414,
0.3065

 9.1238, 0.3735,
0.2822


116.9688, 0.3391,
0.3083

 4.8220, 0.3873,
0.2720

148.0926, 0.3371,
0.3098

 2.1432, 0.4092,
0.2561

184.2990, 0.3354,
0.3112

 0.6888, 0.4510,
0.2247

225.9722, 0.3339,


 0.0000, 1.0000,


0.3123


0.0000


273.4968, 0.3326,
0.3133


 0.0000, 0.0000,
0.0000


 35.6110, 0.3517,
0.2986


 35.6110, 0.3517,
0.2986


 29.5460, 0.3707,
0.2879


 42.8389, 0.3359,
0.3094


 24.5775, 0.3931,
0.2779


 51.2816, 0.3229,
0.3198


 20.6402, 0.4190,
0.2695

 60.9936, 0.3121,
0.3296

 17.6596, 0.4479,
0.2639

 72.0250, 0.3034,
0.3387

 15.5510, 0.4787,
0.2623

 84.4228, 0.2961,
0.3471

■ 14.2146, 0.5093,
0.2659

■ 90.7366, 0.2897,
0.3432

■ 13.4779, 0.5379,
0.2741

■ 91.4950, 0.2834,
0.3303

■ 13.4410, 0.5395,
0.2746

■ 91.5783, 0.2827,
0.3289

Harmonies

Analogous

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



35.6110, 0.3108, 0.2751



35.6110, 0.3517, 0.2986



35.6110, 0.3829, 0.3297

Triad

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



35.6110, 0.3517, 0.2986



35.6110, 0.3503, 0.4020



35.6110, 0.2378, 0.2878

Complementary

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



35.6110, 0.3517, 0.2986



52.4145, 0.2853, 0.3618

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.



35.6110, 0.2469, 0.3220



35.6110, 0.3517, 0.2986



35.6110, 0.3105, 0.3923

Square

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



35.6110, 0.3517, 0.2986



35.6110, 0.3812, 0.3895



35.6110, 0.2729, 0.3617



35.6110, 0.2470, 0.2677

Rectangle

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



35.6110, 0.3517, 0.2986



35.6110, 0.3927, 0.3517



35.6110, 0.2729, 0.3617



35.6110, 0.2388, 0.2979

Sweetspot

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



35.6126, 0.3517, 0.2986



85.3658, 0.3225, 0.3200



34.0113, 0.2934, 0.2514



17.8009, 0.3243, 0.3186



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.



35.6126, 0.3517, 0.2986



52.6791, 0.3628, 0.2921



36.6658, 0.3753, 0.3369



11.2868, 0.3228, 0.3198



8.4765, 0.5359, 0.2726



0.4522, 0.4843, 0.2441

Inverse Universe

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



35.6126, 0.3517, 0.2986



52.6791, 0.3628, 0.2921



50.6806, 0.2697, 0.3209



11.2868, 0.3228, 0.3198



8.4765, 0.5359, 0.2726



0.4522, 0.4843, 0.2441

Previews

White Background



This preview shows how the Yxy color 35.6110, 0.3517, 0.2986 looks on a white background.

Color Contrast Check

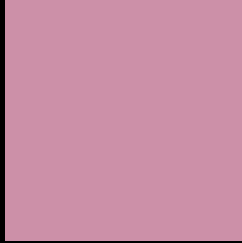
Large Text (above 18pt) WCAG AA × Fail

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 35.6110, 0.3517, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

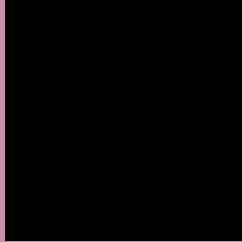
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6110, 0.3517, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 35.6110, 0.3517, 0.2986.



This preview shows how white text looks on a background with the Yxy color 35.6110, 0.3517, 0.2986.

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

35.6110, 0.3517, 0.2986

Protanopia

35.7269, 0.2963, 0.3033

Deuteranopia

35.6441, 0.3222, 0.3151



Tritanopia

35.6886, 0.3618, 0.3150

Trichromacy



Original Color

35.6110, 0.3517, 0.2986

Protanomaly

35.2812, 0.3150, 0.3014

Deuteranomaly

35.6856, 0.3328, 0.3088

Tritanomaly

35.5205, 0.3578, 0.3086

Monochromacy



Original Color

35.6110, 0.3517, 0.2986

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.4508, 0.3260, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6110, 0.3517, 0.2986 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(204, 144, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 144, 168)  
}
```

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(204, 144, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 144, 168) }
```

Border

The CSS property to change the border of an element to Yxy 35.6110, 0.3517, 0.2986 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(204, 144, 168) }
```

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

```
.border{ border-color:rgb(204, 144, 168) }
```

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

Here you see how a box with a 4 pixel rgb(204, 144, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 144, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 144, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 144,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6110, 0.3517, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 144, 168) }
```

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

```
.background{ background-color: rgb(204,  
144, 168) }
```

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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