

Converting Colors

$Y_{xy}(29.6223, 0.3557, 0.2844)$

Have a look what the booklet for
Yxy(29.6223, 0.3557, 0.2844)
contains.

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Color

Yxy(29.6223, 0.3557, 0.2844)

Conversions

Conversions Part 1

Format	Color
Hex	C57FA1
RGB	197, 127, 161
RGB Percent	77%, 50%, 63%
CMY	0.2275, 0.5019, 0.3686
CMYK	0.00, 0.36, 0.18, 0.23
HSL	331°, 38%, 64%
HSV	331°, 36%, 77%
XYZ	37.0487, 29.6223, 37.4862
YIQ	151.8060, 30.8060, 25.4140

Conversions

Conversions Part 2

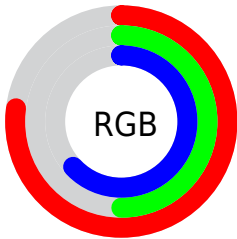
Format	Color
RYB	197, 127, 161
Decimal	12943265
CIELab	61.33, 31.94, -6.85
CIElCh	61, 32.664, 347.892
Yxy	29.6223, 0.3557, 0.2844
Android (android.graphics.Color)	4291133345 (0xFFC57FA1)
YUV	151.8060, 4.5326, 39.6351
Hunter-Lab	54.4264, 26.2610, -2.7375

Details

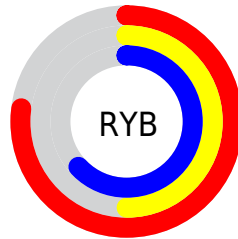
The Yxy color **29.6223, 0.3557, 0.2844** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.0891, 0.2842, 0.3788**, and the grayscale version is **31.2825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2656, 0.3471, 0.2932**, and **12.0238, 0.3713, 0.2705** is the 20% darker color. If you saturate the color by 10%, you get **24.6797, 0.3734, 0.2719**, and if you desaturate by 10%, it is **35.5915, 0.3407, 0.2974**.

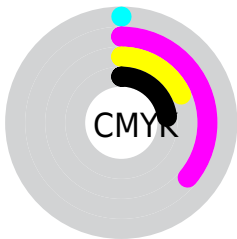
Distribution



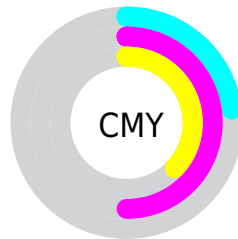
- Red (77%)
- Green (50%)
- Blue (63%)



- Red (77%)
- Yellow (50%)
- Blue (63%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6223, 0.3557, 0.2844 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 29.6223, 0.3557, 0.2844 by changing the saturation by 10% instead.


 29.6223, 0.3557,
0.2844


 29.6223, 0.3557,
0.2844

300.1399, 0.3330,
0.3076

 19.5521, 0.3618,
0.2783


 59.0644, 0.3471,
0.2931

 12.0699, 0.3699,
0.2703


 79.2050, 0.3440,
0.2962

 6.7913, 0.3812,
0.2593


 103.4712, 0.3414,
0.2989

 3.3319, 0.3980,
0.2432

132.2474, 0.3392,
0.3012

 1.3074, 0.4255,
0.2179

165.9180, 0.3373,
0.3031

 0.1469, 0.5398,
0.0860

204.8673, 0.3357,

 0.0000, 0.0000,

0.3048

0.0000

249.4798, 0.3342,
0.3063

■ 29.6223, 0.3557,
0.2844

■ 29.6223, 0.3557,
0.2844

■ 24.6797, 0.3734,
0.2719

■ 35.5915, 0.3407,
0.2974

■ 20.7006, 0.3938,
0.2606

■ 42.6372, 0.3281,
0.3102

■ 17.6213, 0.4167,
0.2518


■ 50.8113, 0.3177,
0.3225


■ 15.3689, 0.4414,
0.2466


■ 60.1608, 0.3091,
0.3341


■ 13.8585, 0.4670,
0.2462

■ 70.7301, 0.3019,
0.3448


 12.9859, 0.4919,
0.2512

 82.5615, 0.2960,
0.3548

 12.7093, 0.5029,
0.2544

 89.2118, 0.2908,
0.3538

 89.8040, 0.2855,
0.3427

 90.4299, 0.2803,
0.3319

Harmonies

Analogous

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



29.6223, 0.3015, 0.2570



29.6223, 0.3557, 0.2844



29.6223, 0.4002, 0.3223

Triad

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



29.6223, 0.3557, 0.2844



29.6223, 0.3677, 0.4241



29.6223, 0.2170, 0.2799

Complementary

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



29.6223, 0.3557, 0.2844



47.0891, 0.2842, 0.3788

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.



29.6223, 0.2314, 0.3266



29.6223, 0.3557, 0.2844



29.6223, 0.3166, 0.4178

Square

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



29.6223, 0.3557, 0.2844



29.6223, 0.4059, 0.4017



29.6223, 0.2669, 0.3799



29.6223, 0.2251, 0.2521

Rectangle

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



29.6223, 0.3557, 0.2844



29.6223, 0.4161, 0.3501



29.6223, 0.2669, 0.3799



29.6223, 0.2193, 0.2937

Sweetspot

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



29.6237, 0.3557, 0.2844



82.4964, 0.3233, 0.3156



26.8927, 0.2813, 0.2323



17.2344, 0.3248, 0.3139



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.



29.6237, 0.3557, 0.2844



45.7236, 0.3698, 0.2742



28.5826, 0.3968, 0.3293



10.7214, 0.3215, 0.3178



8.3763, 0.4999, 0.2528



0.4112, 0.4529, 0.2269

Inverse Universe

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



29.6237, 0.3557, 0.2844



45.7236, 0.3698, 0.2742



48.4761, 0.2632, 0.3289



10.7214, 0.3215, 0.3178



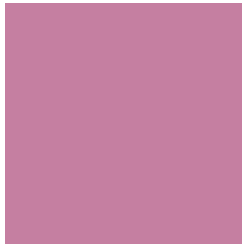
8.3763, 0.4999, 0.2528



0.4112, 0.4529, 0.2269

Previews

White Background



This preview shows how the Yxy color 29.6223, 0.3557, 0.2844 looks on a white background.

Color Contrast Check

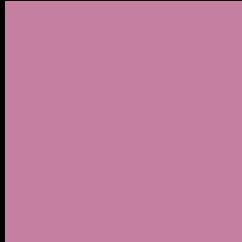
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6223, 0.3557, 0.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

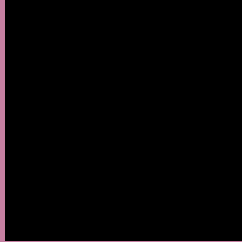
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6223, 0.3557, 0.2844

Background



This preview shows how black text looks on a background with the Yxy color 29.6223, 0.3557, 0.2844.



This preview shows how white text looks on a background with the Yxy color 29.6223, 0.3557, 0.2844.

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

29.6223, 0.3557, 0.2844

Protanopia

29.7631, 0.2843, 0.2878

Deuteranopia

29.7861, 0.3147, 0.3080



Tritanopia

29.7578, 0.3759, 0.3157

Trichromacy



Original Color

29.6223, 0.3557, 0.2844

Protanomaly

29.4073, 0.3084, 0.2866

Deuteranomaly

29.5644, 0.3293, 0.2988

Tritanomaly

29.8391, 0.3690, 0.3051

Monochromacy



Original Color

29.6223, 0.3557, 0.2844

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.3363, 0.3274, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6223, 0.3557, 0.2844 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(197, 127, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 127, 161)  
}
```

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(197, 127, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 127, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.6223, 0.3557, 0.2844 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(197, 127, 161) }
```

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

```
.border{ border-color:rgb(197, 127, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 127, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 127, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 127, 161); box-shadow:4px 4px 4px 4px rgb(197, 127, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6223, 0.3557, 0.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 127, 161) }
```

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

```
.background{ background-color: rgb(197,  
127, 161) }
```

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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