

Converting Colors

$Y_{xy}(21.6896, 0.3962, 0.2592)$

Have a look what the booklet for
Yxy(21.6896, 0.3962, 0.2592)
contains.

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Color

Yxy(21.6896, 0.3962, 0.2592)

Conversions

Conversions Part 1

Format	Color
Hex	CB5890
RGB	203, 88, 144
RGB Percent	80%, 35%, 56%
CMY	0.2039, 0.6549, 0.4352
CMYK	0.00, 0.57, 0.29, 0.20
HSL	331°, 53%, 57%
HSV	331°, 57%, 80%
XYZ	33.1536, 21.6896, 28.8358
YIQ	128.7690, 50.5640, 41.7960

Conversions

Conversions Part 2

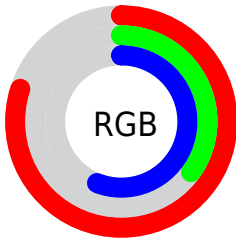
Format	Color
R_{YB}	203, 88, 144
Decimal	13326480
CIE Lab	53.70, 51.55, -8.27
CIE LCh	54, 52.211, 350.886
Yxy	21.6896, 0.3962, 0.2592
Android (android.graphics.Color)	4291516560 (0xFFCB5890)
YUV	128.7690, 7.5089, 65.1006
Hunter-Lab	46.5721, 45.5690, -4.1098

Details

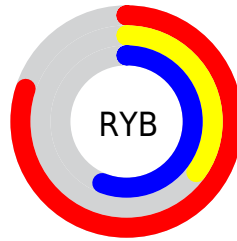
The Yxy color **21.6896, 0.3962, 0.2592** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **46.8915, 0.2722, 0.4166**, and the grayscale version is **21.8292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6832, 0.3712, 0.2714**, and **7.8991, 0.4272, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **18.5053, 0.4193, 0.2507**, and if you desaturate by 10%, it is **25.8331, 0.3755, 0.2703**.

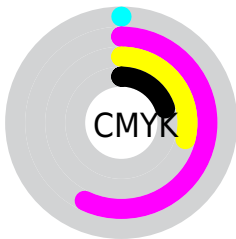
Distribution



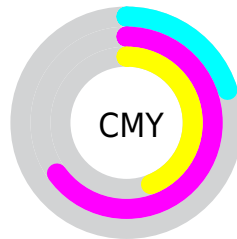
- Red (80%)
- Green (35%)
- Blue (56%)



- Red (80%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (20%)



- Cyan (20%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6896, 0.3962, 0.2592 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 21.6896, 0.3962, 0.2592 by changing the saturation by 10% instead.


 21.6896, 0.3962,
0.2592


 21.6896, 0.3962,
0.2592


260.9210, 0.3502,
0.2967


 13.6290, 0.4092,
0.2490


 46.2324, 0.3784,
0.2735

 7.8631, 0.4270,
0.2353


 63.4835, 0.3720,
0.2786

 4.0075, 0.4526,
0.2161

 84.5668, 0.3668,
0.2829

 1.6777, 0.4922,
0.1876

 109.8667, 0.3624,
0.2865

 0.4092, 0.5739,
0.1216

139.7677, 0.3587,
0.2896

 0.0000, 1.0000,
0.0000

174.6542, 0.3555,

 0.0000, 0.0000,

0.2923

0.0000

214.9104, 0.3527,
0.2946

■ 21.6896, 0.3962,
0.2592

■ 21.6896, 0.3962,
0.2592

■ 18.5053, 0.4193,
0.2507

■ 25.8331, 0.3755,
0.2703

■ 16.1970, 0.4443,
0.2460

■ 31.0034, 0.3575,
0.2827

■ 14.6726, 0.4698,
0.2462

■ 37.2656, 0.3423,
0.2958

■ 13.8110, 0.4945,
0.2518

■ 44.6786, 0.3294,
0.3087

■ 13.5952, 0.5027,
0.2543

■ 53.2969, 0.3188,
0.3211

■ 63.1717, 0.3099,
0.3328

■ 74.3510, 0.3027,
0.3438

■ 86.8804, 0.2967,
0.3538

■ 90.3726, 0.2912,
0.3472

Harmonies

Analogous

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



21.6896, 0.2993, 0.2155



21.6896, 0.3962, 0.2592



21.6896, 0.4739, 0.3175

Triad

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



21.6896, 0.3962, 0.2592



21.6896, 0.3898, 0.4968



21.6896, 0.1570, 0.2340

Complementary

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



21.6896, 0.3962, 0.2592



46.8915, 0.2722, 0.4166

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.



21.6896, 0.1726, 0.3090



21.6896, 0.3962, 0.2592



21.6896, 0.3029, 0.4921

Square

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



21.6896, 0.3962, 0.2592



21.6896, 0.4616, 0.4477



21.6896, 0.2233, 0.4133



21.6896, 0.1730, 0.1980

Rectangle

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



21.6896, 0.3962, 0.2592



21.6896, 0.4959, 0.3603



21.6896, 0.2233, 0.4133



21.6896, 0.1585, 0.2545

Sweetspot

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



21.6907, 0.3962, 0.2592



74.0422, 0.3301, 0.3079



17.3570, 0.2556, 0.1704



15.2778, 0.3326, 0.3053



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.



21.6907, 0.3962, 0.2592



29.9905, 0.4249, 0.2493



20.3809, 0.4831, 0.3295



11.3032, 0.3215, 0.3178



8.6704, 0.4996, 0.2526



0.4626, 0.4556, 0.2283

Inverse Universe

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



21.6907, 0.3962, 0.2592



29.9905, 0.4249, 0.2493



49.0975, 0.2422, 0.3288



11.3032, 0.3215, 0.3178



8.6704, 0.4996, 0.2526



0.4626, 0.4556, 0.2283

Previews

White Background



This preview shows how the Yxy color 21.6896, 0.3962, 0.2592 looks on a white background.

Color Contrast Check

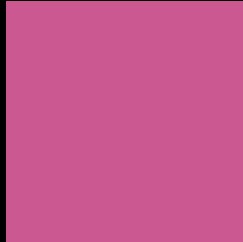
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6896, 0.3962, 0.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

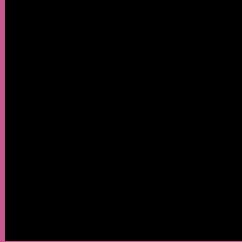
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6896, 0.3962, 0.2592

Background



This preview shows how black text looks on a background with the Yxy color 21.6896, 0.3962, 0.2592.



This preview shows how white text looks on a background with the Yxy color 21.6896, 0.3962, 0.2592.

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

21.6896, 0.3962, 0.2592

Protanopia

21.8629, 0.2606, 0.2568

Deuteranopia

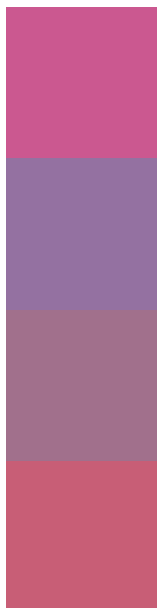
21.8206, 0.3126, 0.3067



Tritanopia

21.6708, 0.4494, 0.3217

Trichromacy



Original Color

21.6896, 0.3962, 0.2592

Protanomaly

20.6794, 0.3007, 0.2533

Deuteranomaly

21.0589, 0.3417, 0.2852

Tritanomaly

21.5928, 0.4297, 0.2984

Monochromacy



Original Color

21.6896, 0.3962, 0.2592

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

20.8238, 0.3425, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6896, 0.3962, 0.2592 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(203, 88, 144)` looks like.

```
.text, #text, p{  
    color:rgb(203, 88, 144)  
}
```

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(203, 88, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 88, 144) }
```

Border

The CSS property to change the border of an element to Yxy 21.6896, 0.3962, 0.2592 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(203, 88, 144) }
```

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

```
.border{ border-color:rgb(203, 88, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 88, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 88, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 88, 144);  
box-shadow:4px 4px 4px 4px rgb(203, 88,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6896, 0.3962, 0.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 88, 144) }
```

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

```
.background{ background-color: rgb(203, 88,  
144) }
```

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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