

Converting Colors

$Y_{xy}(21.6142, 0.3986, 0.2715)$

Have a look what the booklet for
Yxy(21.6142, 0.3986, 0.2715)
contains.

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Color

Yxy(21.6406, 0.3988, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	C65D89
RGB	198, 93, 137
RGB Percent	78%, 36%, 54%
CMY	0.2236, 0.6353, 0.4627
CMYK	0.00, 0.53, 0.31, 0.22
HSL	335°, 48%, 57%
HSV	335°, 53%, 78%
XYZ	31.7173, 21.6406, 26.1739
YIQ	129.4110, 48.4560, 35.9440

Conversions

Conversions Part 2

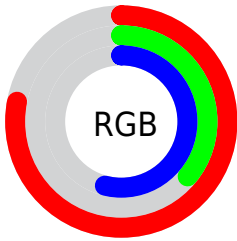
Format	Color
R_{YB}	198, 93, 137
Decimal	13000073
CIE _{Lab}	53.64, 46.62, -4.28
CIE _{LCh}	54, 46.816, 354.754
Yxy	21.6406, 0.3988, 0.2721
Android (android.graphics.Color)	4291190153 (0xFFC65D89)
YUV	129.4110, 3.7414, 60.1526
Hunter-Lab	46.5195, 40.2934, -0.7956

Details

The Yxy color **21.6406, 0.3988, 0.2721** 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 **45.0458, 0.2697, 0.3978**, and the grayscale version is **22.0798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8451, 0.3783, 0.2845**, and **7.8019, 0.4326, 0.2513** is the 20% darker color. If you saturate the color by 10%, you get **18.2913, 0.4247, 0.2641**, and if you desaturate by 10%, it is **25.9269, 0.3760, 0.2821**.

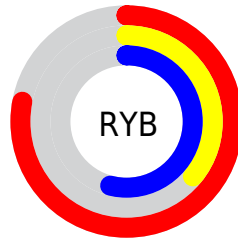
Distribution



Red (78%)

Green (36%)

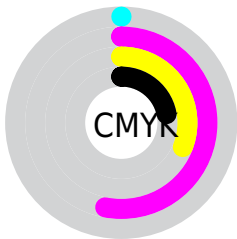
Blue (54%)



Red (78%)

Yellow (36%)

Blue (54%)

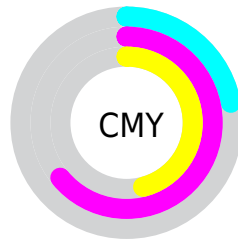


Cyan (0%)

Magenta (53%)

Yellow (31%)

Black (22%)



Cyan (22%)


Magenta (64%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6406, 0.3988, 0.2721 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 21.6406, 0.3988, 0.2721 by changing the saturation by 10% instead.


 21.6406, 0.3988,
0.2721


 21.6406, 0.3988,
0.2721


260.6636, 0.3509,
0.3033


 13.5931, 0.4126,
0.2633

 46.1513, 0.3801,
0.2841

 7.8382, 0.4317,
0.2514


 63.3832, 0.3735,
0.2884

 3.9916, 0.4594,
0.2344

 84.4453, 0.3680,
0.2920

 1.6689, 0.5032,
0.2082

 109.7221, 0.3635,
0.2950

 0.4034, 0.6011,
0.1409

139.5980, 0.3596,
0.2975

 0.0000, 1.0000,
0.0000

174.4572, 0.3563,

 0.0000, 0.0000,

0.2997

0.0000

214.6843, 0.3534,
0.3016

■ 21.6406, 0.3988,
0.2721

■ 21.6406, 0.3988,
0.2721

■ 18.2913, 0.4247,
0.2641

■ 25.9269, 0.3760,
0.2821

■ 15.8037, 0.4532,
0.2594

■ 31.2115, 0.3566,
0.2932

■ 14.0961, 0.4829,
0.2591

■ 37.5540, 0.3403,
0.3044

■ 13.0692, 0.5119,
0.2641

■ 45.0085, 0.3268,
0.3155

■ 12.6289, 0.5311,
0.2700

■ 53.6255, 0.3157,
0.3260

■ 63.4522, 0.3065,
0.3358

■ 74.5333, 0.2990,
0.3448

■ 86.9110, 0.2928,
0.3532

■ 89.8473, 0.2869,
0.3443

Harmonies

Analogous

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



21.6406, 0.3121, 0.2292



21.6406, 0.3988, 0.2721



21.6406, 0.4634, 0.3276

Triad

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



21.6406, 0.3988, 0.2721



21.6406, 0.3750, 0.4832



21.6406, 0.1701, 0.2374

Complementary

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



21.6406, 0.3988, 0.2721



45.0458, 0.2697, 0.3978

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.



21.6406, 0.1813, 0.3017



21.6406, 0.3988, 0.2721



21.6406, 0.2954, 0.4676

Square

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



21.6406, 0.3988, 0.2721



21.6406, 0.4425, 0.4462



21.6406, 0.2247, 0.3923



21.6406, 0.1887, 0.2073

Rectangle

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



21.6406, 0.3988, 0.2721



21.6406, 0.4792, 0.3679



21.6406, 0.2247, 0.3923



21.6406, 0.1704, 0.2549

Sweetspot

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



21.6417, 0.3988, 0.2721



75.2408, 0.3309, 0.3120



18.6313, 0.2678, 0.1838



15.5077, 0.3337, 0.3097



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.



21.6417, 0.3988, 0.2721



31.4244, 0.4301, 0.2629



21.9115, 0.4606, 0.3384



10.7095, 0.3225, 0.3194



8.2298, 0.5278, 0.2681



0.4041, 0.4743, 0.2386

Inverse Universe

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



21.6417, 0.3988, 0.2721



31.4244, 0.4301, 0.2629



43.6637, 0.2432, 0.3185



10.7095, 0.3225, 0.3194



8.2298, 0.5278, 0.2681



0.4041, 0.4743, 0.2386

Previews

White Background



This preview shows how the Yxy color 21.6406, 0.3988, 0.2721 looks on a white background.

Color Contrast Check

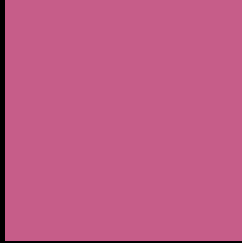
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6406, 0.3988, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

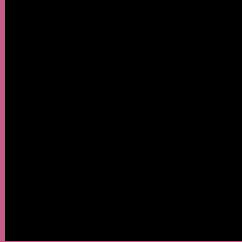
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6406, 0.3988, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 21.6406, 0.3988, 0.2721.



This preview shows how white text looks on a background with the Yxy color 21.6406, 0.3988, 0.2721.

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

21.6406, 0.3988, 0.2721

Protanopia

21.7469, 0.2739, 0.2741

Deuteranopia

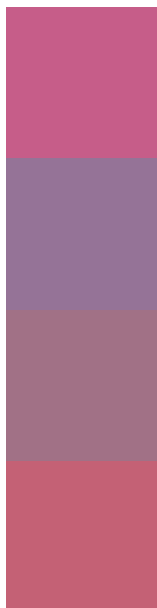
21.9086, 0.3229, 0.3170



Tritanopia

21.5664, 0.4389, 0.3201

Trichromacy



Original Color

21.6406, 0.3988, 0.2721

Protanomaly

20.8854, 0.3130, 0.2711

Deuteranomaly

21.1086, 0.3492, 0.2959

Tritanomaly

21.5695, 0.4248, 0.3029

Monochromacy



Original Color

21.6406, 0.3988, 0.2721

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.0268, 0.3420, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6406, 0.3988, 0.2721 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(198, 93, 137)` looks like.

```
.text, #text, p{  
  color:rgb(198, 93, 137)  
}
```

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(198, 93, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 93, 137) }
```

Border

The CSS property to change the border of an element to Yxy 21.6406, 0.3988, 0.2721 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(198, 93, 137) }
```

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

```
.border{ border-color:rgb(198, 93, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 93, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 93, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 93, 137); box-shadow:4px 4px 4px 4px rgb(198, 93, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6406, 0.3988, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 93, 137) }
```

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

```
.background{ background-color: rgb(198, 93,  
137) }
```

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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