

Converting Colors

$Y_{xy}(22.9041, 0.4214, 0.2709)$

Have a look what the booklet for
Yxy(22.9041, 0.4214, 0.2709)
contains.

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Color

Yxy(22.8901, 0.4221, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	D65788
RGB	214, 87, 136
RGB Percent	84%, 34%, 53%
CMY	0.1607, 0.6589, 0.4667
CMYK	0.00, 0.59, 0.36, 0.16
HSL	337°, 61%, 59%
HSV	337°, 59%, 84%
XYZ	35.5871, 22.8901, 25.8325
YIQ	130.5590, 59.9630, 42.1630

Conversions

Conversions Part 2

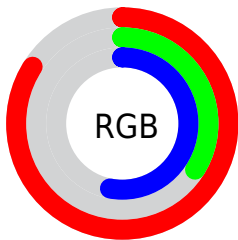
Format	Color
R_{YB}	214, 87, 136
Decimal	14047112
CIE _{Lab}	54.96, 54.52, -1.47
CIE _{LCh}	55, 54.537, 358.456
Yxy	22.8901, 0.4221, 0.2715
Android (android.graphics.Color)	4292237192 (0xFFD65788)
YUV	130.5590, 2.6824, 73.1778
Hunter-Lab	47.8436, 49.0460, 1.4777

Details

The Yxy color **22.8901, 0.4221, 0.2715** 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 **52.8452, 0.2643, 0.4016**, and the grayscale version is **22.5054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2801, 0.3806, 0.2804**, and **8.4243, 0.4637, 0.2506** is the 20% darker color. If you saturate the color by 10%, you get **19.5738, 0.4520, 0.2663**, and if you desaturate by 10%, it is **27.2816, 0.3953, 0.2796**.

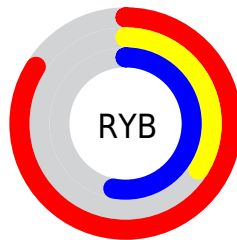
Distribution



Red (84%)

Green (34%)

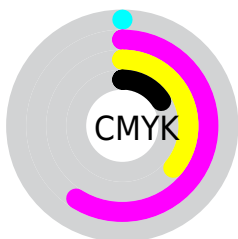
Blue (53%)



Red (84%)

Yellow (34%)

Blue (53%)

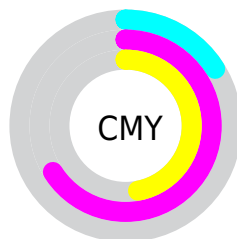


Cyan (0%)

Magenta (59%)

Yellow (36%)

Black (16%)



Cyan (16%)


Magenta (66%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8901, 0.4221, 0.2715 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 22.8901, 0.4221, 0.2715 by changing the saturation by 10% instead.


 22.8901, 0.4221,
0.2715


 22.8901, 0.4221,
0.2715


267.1600, 0.3615,
0.3031


 14.5124, 0.4394,
0.2626


 48.2128, 0.3986,
0.2837


 8.4779, 0.4629,
0.2505


 65.9266, 0.3902,
0.2881

 4.4022, 0.4968,
0.2331

 87.5212, 0.3833,
0.2917

 1.9010, 0.5491,
0.2067

 113.3810, 0.3775,
0.2947

 0.5490, 0.6491,
0.1542

143.8903, 0.3726,
0.2973

 0.0000, 1.0000,
0.0000

179.4337, 0.3684,

 0.0000, 0.0000,

0.2995

0.0000

220.3955, 0.3647,
0.3014

■ 22.8901, 0.4221,
0.2715

■ 22.8901, 0.4221,
0.2715

■ 19.5738, 0.4520,
0.2663

■ 27.2816, 0.3953,
0.2796

■ 17.2336, 0.4836,
0.2651

■ 32.8285, 0.3722,
0.2893

■ 15.7580, 0.5151,
0.2690

■ 39.6077, 0.3526,
0.2996

■ 14.9598, 0.5442,
0.2776

■ 47.6882, 0.3364,
0.3100

■ 14.9166, 0.5460,
0.2781

■ 57.1339, 0.3230,
0.3201

■ 68.0045, 0.3121,
0.3296

■ 80.3562, 0.3031,
0.3384

■ 92.1793, 0.2957,
0.3433

■ 92.9942, 0.2887,
0.3296

Harmonies

Analogous

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



22.8901, 0.3232, 0.2225



22.8901, 0.4221, 0.2715



22.8901, 0.4899, 0.3330

Triad

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



22.8901, 0.4221, 0.2715



22.8901, 0.3691, 0.5068



22.8901, 0.1551, 0.2188

Complementary

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



22.8901, 0.4221, 0.2715



52.8452, 0.2643, 0.4016

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.



22.8901, 0.1623, 0.2849



22.8901, 0.4221, 0.2715



22.8901, 0.2800, 0.4830

Square

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



22.8901, 0.4221, 0.2715



22.8901, 0.4485, 0.4652



22.8901, 0.2046, 0.3880



22.8901, 0.1793, 0.1913

Rectangle

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



22.8901, 0.4221, 0.2715



22.8901, 0.5013, 0.3772



22.8901, 0.2046, 0.3880



22.8901, 0.1539, 0.2362

Sweetspot

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



22.8913, 0.4221, 0.2715



72.4454, 0.3347, 0.3112



19.4795, 0.2647, 0.1680



14.6914, 0.3390, 0.3082



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.



22.8913, 0.4221, 0.2715



28.1581, 0.4593, 0.2656



24.0427, 0.4862, 0.3440



12.4993, 0.3231, 0.3200



9.0333, 0.5422, 0.2760



0.5608, 0.4956, 0.2504

Inverse Universe

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



22.8913, 0.4221, 0.2715



28.1581, 0.4593, 0.2656



48.8022, 0.2360, 0.3110



12.4993, 0.3231, 0.3200



9.0333, 0.5422, 0.2760



0.5608, 0.4956, 0.2504

Previews

White Background



This preview shows how the Yxy color 22.8901, 0.4221, 0.2715 looks on a white background.

Color Contrast Check

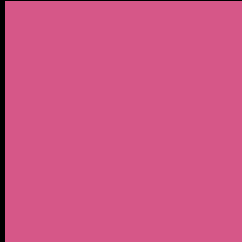
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8901, 0.4221, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

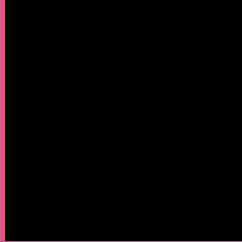
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8901, 0.4221, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 22.8901, 0.4221, 0.2715.



This preview shows how white text looks on a background with the Yxy color 22.8901, 0.4221, 0.2715.

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

22.8901, 0.4221, 0.2715

Protanopia

23.1620, 0.2739, 0.2754

Deuteranopia

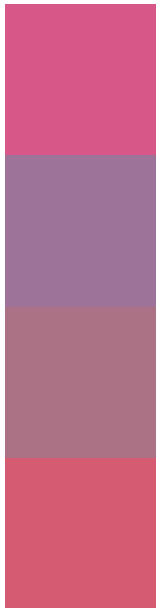
23.1610, 0.3319, 0.3257



Tritanopia

22.7939, 0.4680, 0.3212

Trichromacy



Original Color

22.8901, 0.4221, 0.2715

Protanomaly

21.7295, 0.3204, 0.2700

Deuteranomaly

22.1341, 0.3646, 0.3004

Tritanomaly

22.6941, 0.4516, 0.3020

Monochromacy



Original Color

22.8901, 0.4221, 0.2715

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.5320, 0.3499, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8901, 0.4221, 0.2715 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(214, 87, 136)` looks like.

```
.text, #text, p{  
    color:rgb(214, 87, 136)  
}
```

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(214, 87, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 87, 136) }
```

Border

The CSS property to change the border of an element to Yxy 22.8901, 0.4221, 0.2715 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(214, 87, 136) }
```

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

```
.border{ border-color:rgb(214, 87, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 87, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 87, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 87, 136);  
box-shadow:4px 4px 4px 4px rgb(214, 87,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8901, 0.4221, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 87, 136) }
```

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

```
.background{ background-color: rgb(214, 87,  
136) }
```

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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