

Converting Colors

$Y_{xy}(22.2058, 0.4067, 0.2944)$

Have a look what the booklet for
Yxy(22.2058, 0.4067, 0.2944)
contains.

Yxy(22.0900, 0.4073, 0.2943)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.0900, 0.4073, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	C2647E
RGB	194, 100, 126
RGB Percent	76%, 39%, 49%
CMY	0.2392, 0.6078, 0.5058
CMYK	0.00, 0.48, 0.35, 0.24
HSL	343°, 44%, 58%
HSV	343°, 48%, 76%
XYZ	30.5717, 22.0900, 22.3977
YIQ	131.0700, 47.6780, 28.0140

Conversions

Conversions Part 2

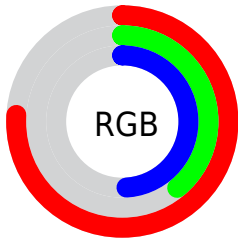
Format	Color
RYB	194, 100, 126
Decimal	12739710
CIELab	54.12, 40.33, 2.84
CIELCh	54, 40.430, 4.026
Yxy	22.0900, 0.4073, 0.2943
Android (android.graphics.Color)	4290929790 (0xFFC2647E)
YUV	131.0700, -2.4995, 55.1896
Hunter-Lab	47.0000, 33.8575, 4.6455

Details

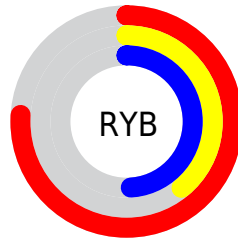
The Yxy color **22.0900, 0.4073, 0.2943** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **44.1186, 0.2643, 0.3688**, and the grayscale version is **22.7207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9198, 0.3861, 0.3017**, and **8.0508, 0.4443, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **18.4649, 0.4391, 0.2887**, and if you desaturate by 10%, it is **26.6541, 0.3801, 0.3012**.

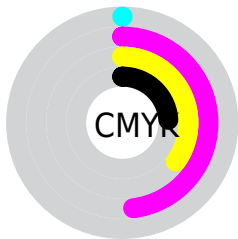
Distribution



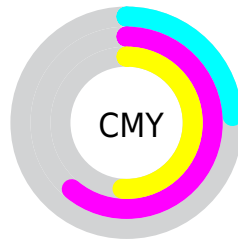
- Red (76%)
- Green (39%)
- Blue (49%)



- Red (76%)
- Yellow (39%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (35%)
- Black (24%)





- Cyan (24%)
- Magenta (61%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0900, 0.4073, 0.2943 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 22.0900, 0.4073, 0.2943 by changing the saturation by 10% instead.


 22.0900, 0.4073,
0.2943


 22.0900, 0.4073,
0.2943


263.0159, 0.3541,
0.3142

 13.9230, 0.4229,
0.2883


 46.8947, 0.3864,
0.3022

 8.0672, 0.4445,
0.2799


 64.3012, 0.3790,
0.3050

 4.1380, 0.4763,
0.2672

 85.5564, 0.3730,
0.3073

 1.7510, 0.5271,
0.2463

 111.0447, 0.3680,
0.3091

 0.4564, 0.6739,
0.1972

141.1503, 0.3637,
0.3107

 0.0000, 1.0000,
0.0000

176.2578, 0.3600,

 0.0000, 0.0000,

0.3120

0.0000

216.7516, 0.3569,
0.3132

■ 22.0900, 0.4073,
0.2943

■ 22.0900, 0.4073,
0.2943

■ 18.4649, 0.4391,
0.2887

■ 26.6541, 0.3801,
0.3012

■ 15.7095, 0.4747,
0.2854

■ 32.2133, 0.3573,
0.3087

■ 13.7502, 0.5123,
0.2856


■ 38.8236, 0.3386,
0.3161

■ 12.4994, 0.5487,
0.2901

■ 46.5355, 0.3234,
0.3233

■ 11.8185, 0.5805,
0.2984


■ 55.3964, 0.3110,
0.3300

 11.7325, 0.5851,
0.2997

 65.4508, 0.3008,
0.3362

 76.7409, 0.2926,
0.3419

 89.1775, 0.2858,
0.3469

 90.0358, 0.2787,
0.3318

Harmonies

Analogous

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



22.0900, 0.3360, 0.2514



22.0900, 0.4073, 0.2943



22.0900, 0.4512, 0.3463

Triad

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



22.0900, 0.4073, 0.2943



22.0900, 0.3478, 0.4621



22.0900, 0.1893, 0.2387

Complementary

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



22.0900, 0.4073, 0.2943



44.1186, 0.2643, 0.3688

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.



22.0900, 0.1915, 0.2866



22.0900, 0.4073, 0.2943



22.0900, 0.2784, 0.4302

Square

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



22.0900, 0.4073, 0.2943



22.0900, 0.4113, 0.4452



22.0900, 0.2220, 0.3590



22.0900, 0.2144, 0.2193

Rectangle

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



22.0900, 0.4073, 0.2943



22.0900, 0.4560, 0.3824



22.0900, 0.2220, 0.3590



22.0900, 0.1870, 0.2514

Sweetspot

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



22.0911, 0.4073, 0.2943



74.6078, 0.3334, 0.3185



21.2656, 0.2883, 0.2023



15.7078, 0.3369, 0.3169



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.



22.0911, 0.4073, 0.2943



33.1863, 0.4407, 0.2885



25.9112, 0.4311, 0.3568



10.1227, 0.3246, 0.3226



7.7261, 0.5817, 0.2978



0.3459, 0.5159, 0.2616

Inverse Universe

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



22.0911, 0.4073, 0.2943



33.1863, 0.4407, 0.2885



36.7348, 0.2437, 0.2978



10.1227, 0.3246, 0.3226



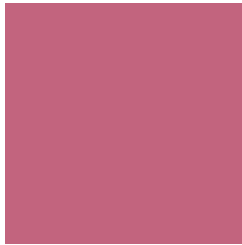
7.7261, 0.5817, 0.2978



0.3459, 0.5159, 0.2616

Previews

White Background



This preview shows how the Yxy color 22.0900, 0.4073, 0.2943 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 22.0900, 0.4073, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

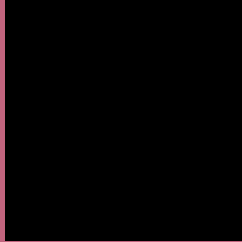
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0900, 0.4073, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 22.0900, 0.4073, 0.2943.



This preview shows how white text looks on a background with the Yxy color 22.0900, 0.4073, 0.2943.

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

22.0900, 0.4073, 0.2943

Protanopia

22.2729, 0.2969, 0.3046

Deuteranopia

22.0921, 0.3407, 0.3342



Tritanopia

22.1637, 0.4280, 0.3199

Trichromacy



Original Color

22.0900, 0.4073, 0.2943

Protanomaly

21.4384, 0.3329, 0.2981

Deuteranomaly

21.7074, 0.3652, 0.3181

Tritanomaly

22.1012, 0.4198, 0.3104

Monochromacy



Original Color

22.0900, 0.4073, 0.2943

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

21.8879, 0.3448, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0900, 0.4073, 0.2943 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(194, 100, 126)` looks like.

```
.text, #text, p{  
    color:rgb(194, 100, 126)  
}
```

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(194, 100, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 100, 126) }
```

Border

The CSS property to change the border of an element to Yxy 22.0900, 0.4073, 0.2943 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(194, 100, 126) }
```

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

```
.border{ border-color:rgb(194, 100, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 100, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 100, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 100, 126);  
box-shadow:4px 4px 4px 4px rgb(194, 100,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0900, 0.4073, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 100, 126) }
```

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

```
.background{ background-color: rgb(194,  
100, 126) }
```

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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