

Converting Colors

$Yxy(20.9857, 0.3699, 0.2866)$

Have a look what the booklet for
Yxy(20.9857, 0.3699, 0.2866)
contains.

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Color

Yxy(20.9383, 0.3696, 0.2863)

Conversions

Conversions Part 1

Format	Color
Hex	AF6986
RGB	175, 105, 134
RGB Percent	69%, 41%, 53%
CMY	0.3138, 0.5882, 0.4746
CMYK	0.00, 0.40, 0.23, 0.31
HSL	335°, 30%, 55%
HSV	335°, 40%, 69%
XYZ	27.0304, 20.9383, 25.1655
YIQ	129.2360, 32.4110, 23.8590

Conversions

Conversions Part 2

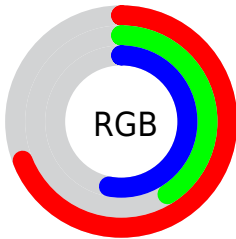
Format	Color
R_{YB}	175, 105, 134
Decimal	11495814
CIE _{Lab}	52.88, 31.90, -3.98
CIE _{LCh}	53, 32.149, 352.896
Yxy	20.9383, 0.3696, 0.2863
Android (android.graphics.Color)	4289685894 (0xFFAF6986)
YUV	129.2360, 2.3487, 40.1350
Hunter-Lab	45.7584, 25.3663, -0.5765

Details

The Yxy color $20.9383, 0.3696, 0.2863$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $35.7340, 0.2779, 0.3770$, and the grayscale version is $22.0237, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.8576, 0.3573, 0.2952$, and $7.5334, 0.3935, 0.2720$ is the 20% darker color. If you saturate the color by 10%, you get $17.4610, 0.3912, 0.2760$, and if you desaturate by 10%, it is $25.1787, 0.3512, 0.2973$.

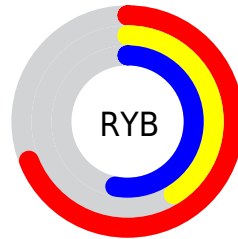
Distribution



Red (69%)

Green (41%)

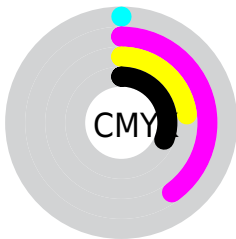
Blue (53%)



Red (69%)

Yellow (41%)

Blue (53%)

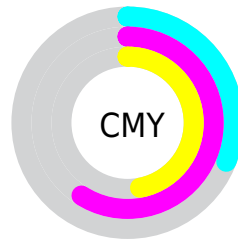


Cyan (0%)

Magenta (40%)

Yellow (23%)

Black (31%)



Cyan (31%)


Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.9383, 0.3696, 0.2863 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 20.9383, 0.3696, 0.2863 by changing the saturation by 10% instead.


 20.9383, 0.3696,
0.2863


 20.9383, 0.3696,
0.2863


256.9504, 0.3377,
0.3099


 13.0789, 0.3790,
0.2795


 44.9848, 0.3570,
0.2955


 7.4829, 0.3920,
0.2702


 61.9408, 0.3526,
0.2988

 3.7659, 0.4113,
0.2566

 82.6976, 0.3490,
0.3015

 1.5435, 0.4428,
0.2350

 107.6399, 0.3460,
0.3037

 0.3190, 0.5393,
0.1556

137.1519, 0.3434,
0.3056

 0.0000, 1.0000,
0.0000

171.6181, 0.3413,

 0.0000, 0.0000,

0.3073

0.0000

211.4228, 0.3394,
0.3087

■ 20.9383, 0.3696,
0.2863

■ 20.9383, 0.3696,
0.2863

■ 17.4610, 0.3912,
0.2760

■ 25.1787, 0.3512,
0.2973

■ 14.6979, 0.4161,
0.2674

■ 30.2215, 0.3359,
0.3083

■ 12.5986, 0.4439,
0.2615


■ 36.1067, 0.3232,
0.3189


■ 11.1053, 0.4734,
0.2596


■ 42.8709, 0.3127,
0.3290

■ 10.1497, 0.5029,
0.2626


■ 50.5483, 0.3041,
0.3384


 9.5867, 0.5311,
0.2699

 59.1715, 0.2970,
0.3471

 9.5860, 0.5311,
0.2699

 68.7714, 0.2911,
0.3550

 79.3775, 0.2863,
0.3623

 86.1378, 0.2817,
0.3611

Harmonies

Analogous

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



20.9383, 0.3099, 0.2543



20.9383, 0.3696, 0.2863



20.9383, 0.4153, 0.3285

Triad

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



20.9383, 0.3696, 0.2863



20.9383, 0.3638, 0.4356



20.9383, 0.2079, 0.2679

Complementary

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



20.9383, 0.3696, 0.2863



35.7340, 0.2779, 0.3770

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.



20.9383, 0.2192, 0.3161



20.9383, 0.3696, 0.2863



20.9383, 0.3068, 0.4233

Square

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



20.9383, 0.3696, 0.2863



20.9383, 0.4096, 0.4141



20.9383, 0.2542, 0.3761



20.9383, 0.2207, 0.2418

Rectangle

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



20.9383, 0.3696, 0.2863



20.9383, 0.4289, 0.3589



20.9383, 0.2542, 0.3761



20.9383, 0.2089, 0.2817

Sweetspot

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



20.9393, 0.3696, 0.2863



62.2026, 0.3258, 0.3166



19.2963, 0.2833, 0.2221



13.5189, 0.3273, 0.3153



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.9393, 0.3696, 0.2863



31.9315, 0.3886, 0.2772



21.4678, 0.4077, 0.3380



8.0683, 0.3224, 0.3196



6.8778, 0.5282, 0.2684



0.2024, 0.4505, 0.2256

Inverse Universe

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



20.9393, 0.3696, 0.2863



31.9315, 0.3886, 0.2772



34.5320, 0.2571, 0.3196



8.0683, 0.3224, 0.3196



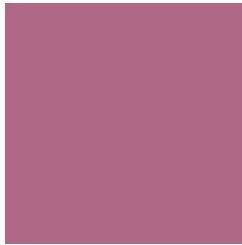
6.8778, 0.5282, 0.2684



0.2024, 0.4505, 0.2256

Previews

White Background



This preview shows how the Yxy color 20.9383, 0.3696, 0.2863 looks on a white background.

Color Contrast Check

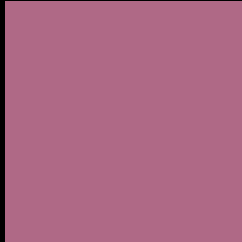
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9383, 0.3696, 0.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

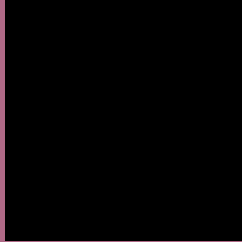
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.9383, 0.3696, 0.2863

Background



This preview shows how black text looks on a background with the Yxy color 20.9383, 0.3696, 0.2863.



This preview shows how white text looks on a background with the Yxy color 20.9383, 0.3696, 0.2863.

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

20.9383, 0.3696, 0.2863

Protanopia

21.2392, 0.2873, 0.2920

Deuteranopia

21.1230, 0.3207, 0.3151



Tritanopia

20.8703, 0.3912, 0.3171

Trichromacy



Original Color

20.9383, 0.3696, 0.2863

Protanomaly

20.6606, 0.3146, 0.2887

Deuteranomaly

20.7360, 0.3382, 0.3026

Tritanomaly

20.9441, 0.3831, 0.3052

Monochromacy



Original Color

20.9383, 0.3696, 0.2863

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.1826, 0.3323, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9383, 0.3696, 0.2863 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(175, 105, 134)` looks like.

```
.text, #text, p{  
    color:rgb(175, 105, 134)  
}
```

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(175, 105, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 105, 134) }
```

Border

The CSS property to change the border of an element to Yxy 20.9383, 0.3696, 0.2863 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(175, 105, 134) }
```

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

```
.border{ border-color:rgb(175, 105, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 105, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 105, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 105, 134);  
box-shadow:4px 4px 4px 4px rgb(175, 105,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9383, 0.3696, 0.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 105, 134) }
```

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

```
.background{ background-color: rgb(175,  
105, 134) }
```

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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