

Converting Colors

$Y_{xy}(9.6922, 0.3096, 0.2477)$

Have a look what the booklet for
Yxy(9.6922, 0.3096, 0.2477)
contains.

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Color

Yxy(9.7217, 0.3082, 0.2474)

Conversions

Conversions Part 1	
Format	Color
Hex	6E4C73
RGB	110, 76, 115
RGB Percent	43%, 30%, 45%
CMY	0.5686, 0.7020, 0.5490
CMYK	0.04, 0.34, 0.00, 0.55
HSL	292°, 20%, 37%
HSV	292°, 34%, 45%
XYZ	12.1109, 9.7217, 17.4629
YIQ	90.6120, 7.7450, 19.3370

Conversions

Conversions Part 2

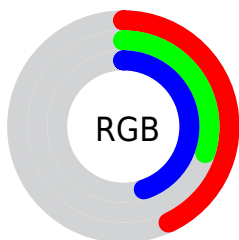
Format	Color
RYB	110, 76, 115
Decimal	7228531
CIELab	37.34, 21.70, -16.70
CIELCh	37, 27.380, 322.413
Yxy	9.7217, 0.3082, 0.2474
Android (android.graphics.Color)	4285418611 (0xFF6E4C73)
YUV	90.6120, 12.0233, 17.0033
Hunter-Lab	31.1796, 14.7690, -11.3810

Details

The Yxy color $9.7217, 0.3082, 0.2474$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $14.5367, 0.3145, 0.4221$, and the grayscale version is $10.3407, 0.3127, 0.3290$.

A 20% lighter version of the original color is $25.1386, 0.3100, 0.2668$, and $2.3773, 0.3008, 0.2087$ is the 20% darker color. If you saturate the color by 10%, you get $8.1826, 0.3062, 0.2236$, and if you desaturate by 10%, it is $11.5466, 0.3099, 0.2719$.

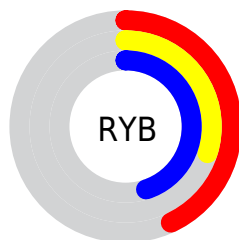
Distribution



Red (43%)

Green (30%)

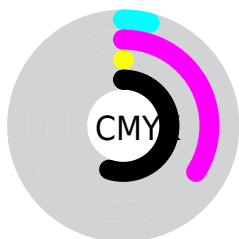
Blue (45%)



Red (43%)

Yellow (30%)

Blue (45%)

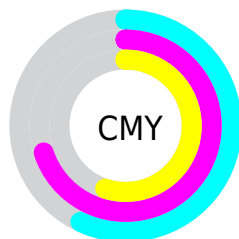


Cyan (4%)

Magenta (34%)

Yellow (0%)

Black (55%)



Cyan (57%)


Magenta (70%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 9.7217, 0.3082, 0.2474 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 9.7217, 0.3082, 0.2474 by changing the saturation by 10% instead.


 9.7217, 0.3082,
0.2474


 9.7217, 0.3082,
0.2474


188.6741, 0.3120,
0.2959


 5.2148, 0.3062,
0.2317


 25.2707, 0.3102,
0.2674


 2.3739, 0.3026,
0.2088


 37.0817, 0.3107,
0.2742


 0.8124, 0.2949,
0.1723

 52.0961, 0.3111,
0.2796

 0.0000, 0.2276,
0.0000

 70.6984, 0.3114,
0.2840

 0.0000, 0.0000,
0.0000

 93.2729, 0.3116,
0.2877

120.2041, 0.3117,

0.2909

151.8764, 0.3119,
0.2936

■ 9.7217, 0.3082,
0.2474

■ 9.7217, 0.3082,
0.2474

■ 8.1826, 0.3062,
0.2236

■ 11.5466, 0.3099,
0.2719

■ 6.9130, 0.3038,
0.2012

■ 13.6700, 0.3113,
0.2963

■ 5.8967, 0.3011,
0.1812


■ 16.1054, 0.3124,
0.3200


■ 5.1155, 0.2982,
0.1644


■ 18.8652, 0.3132,
0.3426


■ 4.5483, 0.2952,
0.1513


■ 21.9609, 0.3138,
0.3638

 4.1653, 0.2920,
0.1422

 25.4035, 0.3142,
0.3835

 3.9620, 0.2900,
0.1371

 29.2038, 0.3144,
0.4016

 33.3716, 0.3145,
0.4181

 37.9168, 0.3145,
0.4331

Harmonies

Analogous

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



9.7217, 0.2500, 0.2302



9.7217, 0.3082, 0.2474



9.7217, 0.3741, 0.2816

Triad

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



9.7217, 0.3082, 0.2474



9.7217, 0.4190, 0.4206



9.7217, 0.2111, 0.3151

Complementary

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



9.7217, 0.3082, 0.2474



14.5367, 0.3145, 0.4221

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.



9.7217, 0.2491, 0.3821



9.7217, 0.3082, 0.2474



9.7217, 0.3689, 0.4462

Square

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



9.7217, 0.3082, 0.2474



9.7217, 0.4412, 0.3761



9.7217, 0.3066, 0.4343



9.7217, 0.1988, 0.2622

Rectangle

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



9.7217, 0.3082, 0.2474



9.7217, 0.4112, 0.3110



9.7217, 0.3066, 0.4343



9.7217, 0.2210, 0.3370

Sweetspot

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



9.7221, 0.3082, 0.2474



26.0021, 0.3117, 0.3051



8.6890, 0.2570, 0.2472



6.0901, 0.3116, 0.3024



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



9.7221, 0.3082, 0.2474



15.1203, 0.3066, 0.2279



9.7483, 0.3404, 0.2767



3.7353, 0.3118, 0.3079



4.5216, 0.2898, 0.1370



21.7741, 0.2881, 0.1361

Inverse Universe

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



9.4085, 0.3769, 0.3182



14.4898, 0.3999, 0.3156



14.5451, 0.2927, 0.3880



3.7078, 0.3257, 0.3263



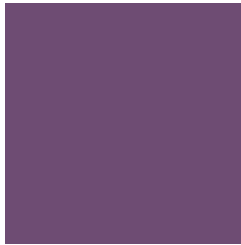
4.2034, 0.6175, 0.3175



20.4102, 0.6266, 0.3225

Previews

White Background



This preview shows how the Yxy color 9.7217, 0.3082, 0.2474 looks on a white 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 ✓ Pass

Black Background



This preview shows how the Yxy color 9.7217, 0.3082, 0.2474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

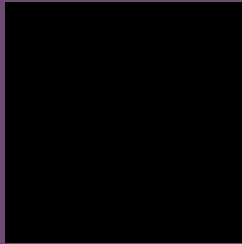
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 9.7217, 0.3082, 0.2474

Background



This preview shows how black text looks on a background with the Yxy color 9.7217, 0.3082, 0.2474.



This preview shows how white text looks on a background with the Yxy color 9.7217, 0.3082, 0.2474.

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

9.7217, 0.3082, 0.2474

Protanopia

9.8242, 0.2513, 0.2458

Deuteranopia

9.8935, 0.2719, 0.2678



Tritanopia

9.6536, 0.3453, 0.3131

Trichromacy



Original Color

9.7217, 0.3082, 0.2474

Protanomaly

9.6664, 0.2695, 0.2457

Deuteranomaly

9.7286, 0.2830, 0.2587

Tritanomaly

9.5996, 0.3304, 0.2867

Monochromacy



Original Color

9.7217, 0.3082, 0.2474

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.1723, 0.3110, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 9.7217, 0.3082, 0.2474 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(110, 76, 115)` looks like.

```
.text, #text, p{  
    color:rgb(110, 76, 115)  
}
```

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(110, 76, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 76, 115) }
```

Border

The CSS property to change the border of an element to Yxy 9.7217, 0.3082, 0.2474 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(110, 76, 115) }
```

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

```
.border{ border-color:rgb(110, 76, 115) }
```

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

Here you see how a box with a 4 pixel rgb(110, 76, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 76, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 76, 115);  
box-shadow:4px 4px 4px 4px rgb(110, 76,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 9.7217, 0.3082, 0.2474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 76, 115) }
```

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

```
.background{ background-color: rgb(110, 76,  
115) }
```

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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