

Converting Colors

$Y_{xy}(17.4040, 0.3094, 0.2610)$

Have a look what the booklet for
Yxy(17.4040, 0.3094, 0.2610)
contains.

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Color

Yxy(17.4032, 0.3094, 0.2609)

Conversions

Conversions Part 1

Format	Color
Hex	8B6890
RGB	139, 104, 144
RGB Percent	55%, 41%, 56%
CMY	0.4547, 0.5922, 0.4352
CMYK	0.03, 0.28, 0.00, 0.44
HSL	293°, 16%, 49%
HSV	293°, 28%, 56%
XYZ	20.6384, 17.4032, 28.6629
YIQ	119.0250, 8.0200, 19.8600

Conversions

Conversions Part 2

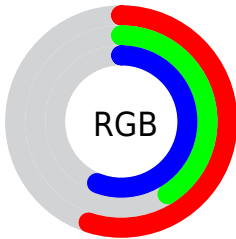
Format	Color
R _Y B	139, 104, 144
Decimal	9136272
CIE _{Lab}	48.76, 21.37, -16.52
CIE _{LCh}	49, 27.009, 322.301
Yxy	17.4032, 0.3094, 0.2609
Android (android.graphics.Color)	4287326352 (0xFF8B6890)
YUV	119.0250, 12.3127, 17.5181
Hunter-Lab	41.7171, 15.3028, -11.5348

Details

The Yxy color $17.4032, 0.3094, 0.2609$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $24.1984, 0.3142, 0.4050$, and the grayscale version is $18.4158, 0.3127, 0.3290$.

A 20% lighter version of the original color is $39.1916, 0.3105, 0.2761$, and $5.7112, 0.3048, 0.2334$ is the 20% darker color. If you saturate the color by 10%, you get $14.5960, 0.3076, 0.2361$, and if you desaturate by 10%, it is $20.7095, 0.3109, 0.2859$.

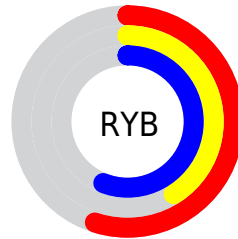
Distribution



Red (55%)

Green (41%)

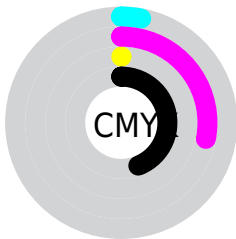
Blue (56%)



Red (55%)

Yellow (41%)

Blue (56%)

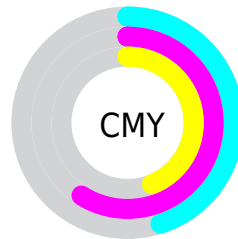


Cyan (3%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (45%)


Magenta (59%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4032, 0.3094, 0.2609 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 17.4032, 0.3094, 0.2609 by changing the saturation by 10% instead.


 17.4032, 0.3094,
0.2609


 17.4032, 0.3094,
0.2609

237.4853, 0.3120,
0.2986


 10.5224, 0.3083,
0.2501


 39.0177, 0.3107,
0.2756


 5.7467, 0.3064,
0.2353


 54.5202, 0.3110,
0.2808

 2.6917, 0.3031,
0.2138

 73.6654, 0.3113,
0.2851

 0.9730, 0.2962,
0.1803

 96.8376, 0.3115,
0.2887

 0.0000, 0.2801,
0.0000

124.4214, 0.3117,
0.2917

 0.0000, 0.0000,
0.0000

156.8010, 0.3118,

0.2944

194.3608, 0.3119,
0.2966

■ 17.4032, 0.3094,
0.2609

■ 17.4032, 0.3094,
0.2609

■ 14.5960, 0.3076,
0.2361

■ 20.7095, 0.3109,
0.2859

■ 12.2606, 0.3055,
0.2124

■ 24.5361, 0.3120,
0.3105

■ 10.3702, 0.3030,
0.1907

■ 28.9056, 0.3129,
0.3341

■ 8.8947, 0.3003,
0.1720

■ 33.8387, 0.3135,
0.3563

■ 7.8002, 0.2973,
0.1570

■ 39.3549, 0.3139,
0.3770

7.0471, 0.2942,
0.1461

45.4729, 0.3142,
0.3961

6.5593, 0.2911,
0.1388

52.2103, 0.3143,
0.4135

6.4604, 0.2904,
0.1373

59.5844, 0.3143,
0.4293

67.6114, 0.3142,
0.4436

Harmonies

Analogous

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



17.4032, 0.2612, 0.2466



17.4032, 0.3094, 0.2609



17.4032, 0.3627, 0.2899

Triad

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



17.4032, 0.3094, 0.2609



17.4032, 0.4005, 0.4054



17.4032, 0.2289, 0.3190

Complementary

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



17.4032, 0.3094, 0.2609



24.1984, 0.3142, 0.4050

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.



17.4032, 0.2612, 0.3719



17.4032, 0.3094, 0.2609



17.4032, 0.3602, 0.4239

Square

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



17.4032, 0.3094, 0.2609



17.4032, 0.4175, 0.3697



17.4032, 0.3090, 0.4129



17.4032, 0.2179, 0.2753

Rectangle

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



17.4032, 0.3094, 0.2609



17.4032, 0.3925, 0.3149



17.4032, 0.3090, 0.4129



17.4032, 0.2374, 0.3365

Sweetspot

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



17.4040, 0.3094, 0.2609



43.0026, 0.3120, 0.3096



15.9616, 0.2671, 0.2624



9.6346, 0.3118, 0.3063



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



17.4040, 0.3094, 0.2609



27.6754, 0.3084, 0.2463



17.4215, 0.3349, 0.2855



5.4776, 0.3119, 0.3072



5.6314, 0.2906, 0.1374



0.0600, 0.3065, 0.1462

Inverse Universe

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



16.9306, 0.3635, 0.3203



26.7299, 0.3785, 0.3184



24.2169, 0.2957, 0.3770



5.4343, 0.3263, 0.3263



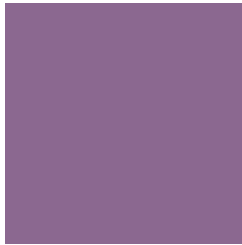
5.2031, 0.6202, 0.3190



0.0514, 0.5479, 0.2792

Previews

White Background



This preview shows how the Yxy color 17.4032, 0.3094, 0.2609 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 × Fail

Black Background



This preview shows how the Yxy color 17.4032, 0.3094, 0.2609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

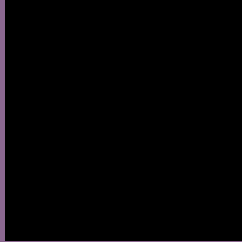
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4032, 0.3094, 0.2609

Background



This preview shows how black text looks on a background with the Yxy color 17.4032, 0.3094, 0.2609.



This preview shows how white text looks on a background with the Yxy color 17.4032, 0.3094, 0.2609.

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

17.4032, 0.3094, 0.2609

Protanopia

17.5926, 0.2628, 0.2606

Deuteranopia

17.5650, 0.2812, 0.2769



Tritanopia

17.3725, 0.3380, 0.3145

Trichromacy



Original Color

17.4032, 0.3094, 0.2609

Protanomaly

17.3904, 0.2782, 0.2604

Deuteranomaly

17.3460, 0.2904, 0.2694

Tritanomaly

17.2819, 0.3266, 0.2933

Monochromacy



Original Color

17.4032, 0.3094, 0.2609

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.0288, 0.3114, 0.3031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4032, 0.3094, 0.2609 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(139, 104, 144)` looks like.

```
.text, #text, p{  
    color:rgb(139, 104, 144)  
}
```

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(139, 104, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 104, 144) }
```

Border

The CSS property to change the border of an element to Yxy 17.4032, 0.3094, 0.2609 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(139, 104, 144) }
```

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

```
.border{ border-color:rgb(139, 104, 144) }
```

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

Here you see how a box with a 4 pixel rgb(139, 104, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 104, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 104, 144);  
box-shadow:4px 4px 4px 4px rgb(139, 104,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4032, 0.3094, 0.2609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 104, 144) }
```

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

```
.background{ background-color: rgb(139,  
104, 144) }
```

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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