

Converting Colors

$Y_{xy}(24.5695, 0.2861, 0.2738)$

Have a look what the booklet for
Yxy(24.5695, 0.2861, 0.2738)
contains.

Yxy(24.4747, 0.2863, 0.2732)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.4747, 0.2863, 0.2732)

Conversions

Conversions Part 1

Format	Color
Hex	8B83A6
RGB	139, 131, 166
RGB Percent	55%, 51%, 65%
CMY	0.4549, 0.4863, 0.3489
CMYK	0.16, 0.21, 0.00, 0.35
HSL	254°, 16%, 58%
HSV	254°, 21%, 65%
XYZ	25.6483, 24.4747, 39.4623
YIQ	137.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

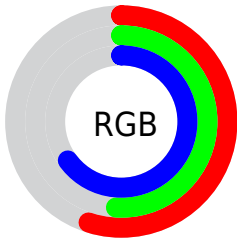
Format	Color
R_{YB}	139, 131, 166
Decimal	9143206
CIE _{Lab}	56.56, 10.35, -17.49
CIE _{LCh}	57, 20.322, 300.604
Yxy	24.4747, 0.2863, 0.2732
Android (android.graphics.Color)	4287333286 (0xFF8B83A6)
YUV	137.3820, 14.1087, 1.4190
Hunter-Lab	49.4719, 5.9659, -12.6636

Details

The Yxy color $24.4747, 0.2863, 0.2732$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $36.1941, 0.3358, 0.3817$, and the grayscale version is $25.1164, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8389, 0.2924, 0.2848$, and $9.3733, 0.2769, 0.2551$ is the 20% darker color. If you saturate the color by 10%, you get $19.3285, 0.2711, 0.2428$, and if you desaturate by 10%, it is $30.4669, 0.2998, 0.3012$.

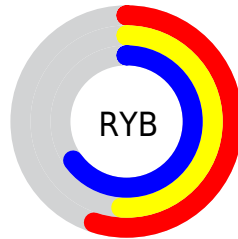
Distribution



Red (55%)

Green (51%)

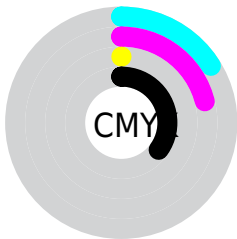
Blue (65%)



Red (55%)

Yellow (51%)

Blue (65%)

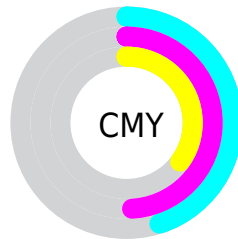


Cyan (16%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4747, 0.2863, 0.2732 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 24.4747, 0.2863, 0.2732 by changing the saturation by 10% instead.

■ 24.4747, 0.2863,
0.2732

■ 24.4747, 0.2863,
0.2732

275.2117, 0.3011,
0.3031

■ 15.6861, 0.2820,
0.2650

■ 50.8037, 0.2921,
0.2846

■ 9.3023, 0.2761,
0.2541

■ 69.1130, 0.2941,
0.2887

■ 4.9389, 0.2675,
0.2388

■ 91.3646, 0.2958,
0.2921

■ 2.2115, 0.2539,
0.2158

117.9430, 0.2972,
0.2950

■ 0.7262, 0.2302,
0.1766

149.2324, 0.2984,
0.2975

■ 0.0000, 0.0000,
0.0000

185.6175, 0.2994,

0.2996

227.4824, 0.3003,
0.3015

■ 24.4747, 0.2863,
0.2732

■ 24.4747, 0.2863,
0.2732

■ 19.3285, 0.2711,
0.2428

■ 30.4669, 0.2998,
0.3012

■ 14.9867, 0.2544,
0.2108

■ 37.3379, 0.3115,
0.3264

■ 11.4090, 0.2366,
0.1781

■ 45.1227, 0.3217,
0.3489

■ 8.5502, 0.2185,
0.1465

■ 53.8531, 0.3303,
0.3688

■ 6.3603, 0.2009,
0.1179

■ 63.5598, 0.3377,
0.3862

■ 4.7825, 0.1851,
0.0944

■ 74.2718, 0.3440,
0.4015

■ 3.7504, 0.1720,
0.0774

■ 86.0170, 0.3493,
0.4149

■ 3.1645, 0.1629,
0.0671

■ 93.0625, 0.3562,
0.4191

■ 95.4034, 0.3650,
0.4164

Harmonies

Analogous

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



24.4747, 0.2600, 0.2730



24.4747, 0.2863, 0.2732



24.4747, 0.3211, 0.2864

Triad

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



24.4747, 0.2863, 0.2732



24.4747, 0.3821, 0.3659



24.4747, 0.2706, 0.3483

Complementary

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



24.4747, 0.2863, 0.2732



36.1941, 0.3358, 0.3817

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.



24.4747, 0.3015, 0.3778



24.4747, 0.2863, 0.2732



24.4747, 0.3665, 0.3864

Square

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



24.4747, 0.2863, 0.2732



24.4747, 0.3781, 0.3379



24.4747, 0.3367, 0.3918



24.4747, 0.2514, 0.3143

Rectangle

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



24.4747, 0.2863, 0.2732



24.4747, 0.3446, 0.3009



24.4747, 0.3367, 0.3918



24.4747, 0.2799, 0.3592

Sweetspot

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



24.4757, 0.2863, 0.2732



61.2856, 0.3058, 0.3141



32.1835, 0.2812, 0.3170



13.5426, 0.3051, 0.3125



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.4757, 0.2863, 0.2732



40.1424, 0.2799, 0.2602



26.0653, 0.3044, 0.2761



7.3801, 0.3020, 0.3059



2.4711, 0.1637, 0.0675



0.0820, 0.1967, 0.0857

Inverse Universe

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



26.8126, 0.3236, 0.2890



45.1305, 0.3262, 0.2804



34.5779, 0.3193, 0.3845



7.6369, 0.3171, 0.3117



7.5045, 0.3873, 0.1907



0.1896, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 24.4747, 0.2863, 0.2732 looks on a white background.

Color Contrast Check

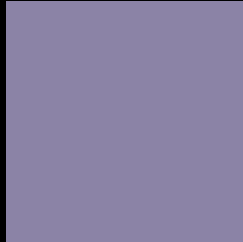
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4747, 0.2863, 0.2732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

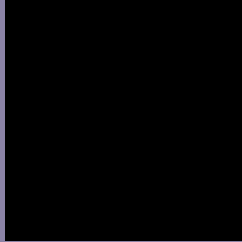
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4747, 0.2863, 0.2732

Background



This preview shows how black text looks on a background with the Yxy color 24.4747, 0.2863, 0.2732.



This preview shows how white text looks on a background with the Yxy color 24.4747, 0.2863, 0.2732.

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

24.4747, 0.2863, 0.2732

Protanopia

24.4665, 0.2739, 0.2736

Deuteranopia

24.5966, 0.2814, 0.2757



Tritanopia

24.5232, 0.3025, 0.3122

Trichromacy



Original Color

24.4747, 0.2863, 0.2732

Protanomaly

24.4706, 0.2785, 0.2740

Deuteranomaly

24.4899, 0.2833, 0.2744

Tritanomaly

24.5843, 0.2957, 0.2976

Monochromacy



Original Color

24.4747, 0.2863, 0.2732

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8693, 0.3028, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4747, 0.2863, 0.2732 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, 131, 166)` looks like.

```
.text, #text, p{  
    color:rgb(139, 131, 166)  
}
```

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, 131, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 131, 166) }
```

Border

The CSS property to change the border of an element to Yxy 24.4747, 0.2863, 0.2732 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, 131, 166) }
```

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

```
.border{ border-color:rgb(139, 131, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 131, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 131, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 131, 166);  
box-shadow:4px 4px 4px 4px rgb(139, 131,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4747, 0.2863, 0.2732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 131, 166) }
```

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

```
.background{ background-color: rgb(139,  
131, 166) }
```

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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