

Converting Colors

$Y_{xy}(24.5004, 0.2825, 0.2687)$

Have a look what the booklet for
Yxy(24.5004, 0.2825, 0.2687)
contains.

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Color

Yxy(24.5004, 0.2825, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	8A83A9
RGB	138, 131, 169
RGB Percent	54%, 51%, 66%
CMY	0.4589, 0.4863, 0.3371
CMYK	0.18, 0.22, 0.00, 0.34
HSL	251°, 18%, 59%
HSV	251°, 22%, 66%
XYZ	25.7587, 24.5004, 40.9221
YIQ	137.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

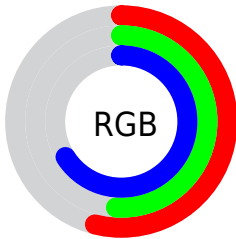
Format	Color
R_{YB}	138, 131, 169
Decimal	9077673
CIE _{Lab}	56.59, 10.70, -19.18
CIE _{LCh}	57, 21.967, 299.149
Yxy	24.5004, 0.2825, 0.2687
Android (android.graphics.Color)	4287267753 (0xFF8A83A9)
YUV	137.4250, 15.5665, 0.5043
Hunter-Lab	49.4979, 6.2701, -14.3692

Details

The Yxy color $24.5004, 0.2825, 0.2687$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $37.7131, 0.3391, 0.3851$, and the grayscale version is $25.1276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8693, 0.2895, 0.2814$, and $9.3452, 0.2702, 0.2485$ is the 20% darker color. If you saturate the color by 10%, you get $19.2219, 0.2662, 0.2377$, and if you desaturate by 10%, it is $30.6713, 0.2970, 0.2973$.

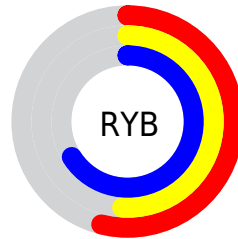
Distribution



Red (54%)

Green (51%)

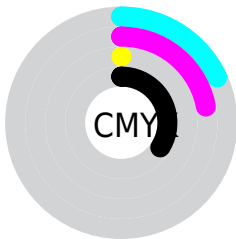
Blue (66%)



Red (54%)

Yellow (51%)

Blue (66%)

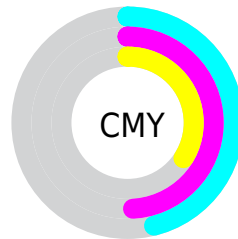


Cyan (18%)

Magenta (22%)

Yellow (0%)

Black (34%)



Cyan (46%)


Magenta (49%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.5004, 0.2825, 0.2687 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 24.5004, 0.2825, 0.2687 by changing the saturation by 10% instead.


 24.5004, 0.2825,
0.2687


 24.5004, 0.2825,
0.2687


275.3407, 0.2994,
0.3010


 15.7052, 0.2776,
0.2599


 50.8456, 0.2891,
0.2809

 9.3158, 0.2710,
0.2483


 69.1643, 0.2914,
0.2854

 4.9477, 0.2613,
0.2319


 91.4264, 0.2933,
0.2891

 2.2166, 0.2461,
0.2078

118.0163, 0.2949,
0.2922

 0.7290, 0.2199,
0.1672

149.3182, 0.2963,
0.2949

 0.0000, 0.0000,
0.0000

185.7167, 0.2975,

0.2972

227.5960, 0.2985,
0.2992

■ 24.5004, 0.2825,
0.2687

■ 24.5004, 0.2825,
0.2687

■ 19.2219, 0.2662,
0.2377

■ 30.6713, 0.2970,
0.2973

■ 14.7912, 0.2485,
0.2049

■ 37.7702, 0.3098,
0.3230

■ 11.1646, 0.2298,
0.1717

■ 45.8346, 0.3208,
0.3459

■ 8.2932, 0.2110,
0.1399

■ 54.8990, 0.3303,
0.3661

■ 6.1224, 0.1933,
0.1115

■ 64.9961, 0.3384,
0.3837

■ 4.5905, 0.1779,
0.0887

■ 76.1572, 0.3453,
0.3991

■ 3.6246, 0.1657,
0.0730

■ 88.4123, 0.3512,
0.4125

■ 3.1572, 0.1589,
0.0649

■ 94.4147, 0.3592,
0.4147

■ 95.6457, 0.3637,
0.4134

Harmonies

Analogous

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



24.5004, 0.2550, 0.2691



24.5004, 0.2825, 0.2687



24.5004, 0.3198, 0.2822

Triad

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



24.5004, 0.2825, 0.2687



24.5004, 0.3880, 0.3671



24.5004, 0.2686, 0.3516

Complementary

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



24.5004, 0.2825, 0.2687



37.7131, 0.3391, 0.3851

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.



24.5004, 0.3023, 0.3833



24.5004, 0.2825, 0.2687



24.5004, 0.3719, 0.3901

Square

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



24.5004, 0.2825, 0.2687



24.5004, 0.3827, 0.3368



24.5004, 0.3402, 0.3973



24.5004, 0.2473, 0.3146

Rectangle

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



24.5004, 0.2825, 0.2687



24.5004, 0.3454, 0.2975



24.5004, 0.3402, 0.3973



24.5004, 0.2788, 0.3634

Sweetspot

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



24.5014, 0.2825, 0.2687



61.5234, 0.3041, 0.3115



33.5529, 0.2792, 0.3181



13.2552, 0.3034, 0.3100



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.



24.5014, 0.2825, 0.2687



38.9554, 0.2746, 0.2535



26.2667, 0.3023, 0.2721



7.3643, 0.3013, 0.3059



2.3698, 0.1596, 0.0653



0.0761, 0.1882, 0.0811

Inverse Universe

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



27.2829, 0.3226, 0.2838



44.8547, 0.3252, 0.2735



35.8699, 0.3209, 0.3885



7.6427, 0.3164, 0.3108



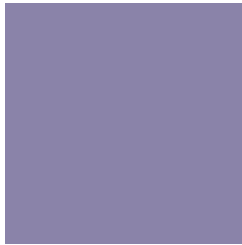
7.6613, 0.3725, 0.1826



0.1924, 0.3528, 0.1717

Previews

White Background



This preview shows how the Yxy color 24.5004, 0.2825, 0.2687 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 24.5004, 0.2825, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

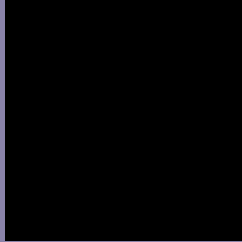
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5004, 0.2825, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 24.5004, 0.2825, 0.2687.



This preview shows how white text looks on a background with the Yxy color 24.5004, 0.2825, 0.2687.

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

24.5004, 0.2825, 0.2687

Protanopia

24.5025, 0.2704, 0.2690

Deuteranopia

24.5452, 0.2768, 0.2710



Tritanopia

24.4716, 0.3005, 0.3105

Trichromacy



Original Color

24.5004, 0.2825, 0.2687

Protanomaly

24.5026, 0.2749, 0.2694

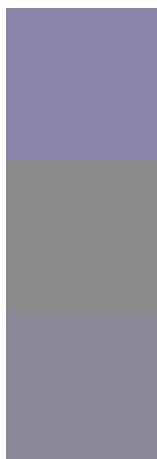
Deuteranomaly

24.4354, 0.2786, 0.2697

Tritanomaly

24.5342, 0.2937, 0.2959

Monochromacy



Original Color

24.5004, 0.2825, 0.2687

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8162, 0.3007, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5004, 0.2825, 0.2687 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(138, 131, 169)` looks like.

```
.text, #text, p{  
    color:rgb(138, 131, 169)  
}
```

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(138, 131, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 131, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.5004, 0.2825, 0.2687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

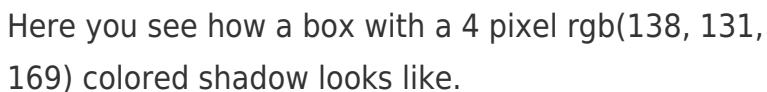
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 131, 169) }
```

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

```
.border{ border-color:rgb(138, 131, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 131, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 131, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 131, 169); box-shadow:4px 4px 4px 4px rgb(138, 131, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5004, 0.2825, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 131, 169) }
```

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

```
.background{ background-color: rgb(138,  
131, 169) }
```

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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