

Converting Colors

$Y_{xy}(25.0672, 0.2785, 0.2430)$

Have a look what the booklet for
Yxy(25.0672, 0.2785, 0.2430)
contains.

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Color

Yxy(25.0711, 0.2789, 0.2433)

Conversions

Conversions Part 1

Format	Color
Hex	957FB9
RGB	149, 127, 185
RGB Percent	58%, 50%, 73%
CMY	0.4158, 0.5019, 0.2744
CMYK	0.19, 0.31, 0.00, 0.27
HSL	263°, 29%, 61%
HSV	263°, 31%, 73%
XYZ	28.7395, 25.0711, 49.2354
YIQ	140.1900, -5.5060, 22.7020

Conversions

Conversions Part 2

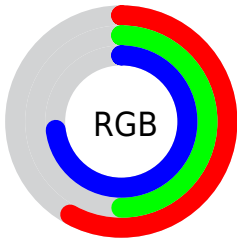
Format	Color
R_{YB}	149, 127, 185
Decimal	9797561
CIE _{Lab}	57.14, 20.32, -27.40
CIE _{LCh}	57, 34.110, 306.559
Yxy	25.0711, 0.2789, 0.2433
Android (android.graphics.Color)	4287987641 (0xFF957FB9)
YUV	140.1900, 22.0913, 7.7264
Hunter-Lab	50.0710, 14.8302, -23.2508

Details

The Yxy color $25.0711, 0.2789, 0.2433$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $44.0317, 0.3393, 0.4115$, and the grayscale version is $26.2173, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8308, 0.2867, 0.2603$, and $9.6561, 0.2653, 0.2168$ is the 20% darker color. If you saturate the color by 10%, you get $19.6952, 0.2651, 0.2125$, and if you desaturate by 10%, it is $31.4333, 0.2913, 0.2729$.

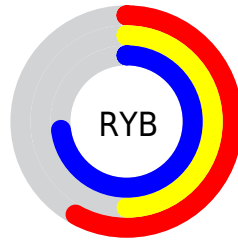
Distribution



Red (58%)

Green (50%)

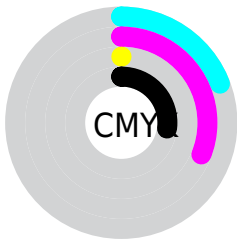
Blue (73%)



Red (58%)

Yellow (50%)

Blue (73%)

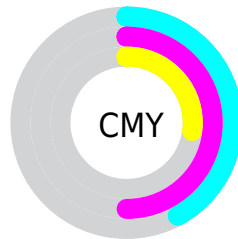


Cyan (19%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (42%)


Magenta (50%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0711, 0.2789, 0.2433 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 25.0711, 0.2789, 0.2433 by changing the saturation by 10% instead.


 25.0711, 0.2789,
0.2433


 25.0711, 0.2789,
0.2433


278.1918, 0.2980,
0.2878

 16.1300, 0.2734,
0.2318


 51.7725, 0.2864,
0.2598

 9.6162, 0.2659,
0.2168


 70.3017, 0.2890,
0.2659

 5.1452, 0.2550,
0.1966


 92.7957, 0.2912,
0.2711

 2.3327, 0.2384,
0.1683

119.6389, 0.2930,
0.2754

 0.7910, 0.2104,
0.1264

151.2157, 0.2945,
0.2792

 0.0000, 0.1027,
0.0000

187.9106, 0.2958,

 0.0000, 0.0000,

0.2824

0.0000

230.1078, 0.2970,
0.2853

■ 25.0711, 0.2789,
0.2433

■ 25.0711, 0.2789,
0.2433

■ 19.6952, 0.2651,
0.2125

■ 31.4333, 0.2913,
0.2729

■ 15.2514, 0.2502,
0.1815

■ 38.8262, 0.3022,
0.3005

■ 11.6849, 0.2346,
0.1519

■ 47.2951, 0.3116,
0.3258

■ 8.9334, 0.2189,
0.1252

■ 56.8815, 0.3196,
0.3486

■ 6.9263, 0.2041,
0.1031

■ 67.6249, 0.3264,
0.3690

■ 5.5800, 0.1909,
0.0869

■ 79.5628, 0.3321,
0.3872

■ 4.8085, 0.1811,
0.0771

■ 91.7549, 0.3372,
0.4019

■ 93.7138, 0.3448,
0.4001

■ 95.8003, 0.3526,
0.3982

Harmonies

Analogous

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



25.0711, 0.2343, 0.2375



25.0711, 0.2789, 0.2433



25.0711, 0.3374, 0.2672

Triad

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



25.0711, 0.2789, 0.2433



25.0711, 0.4244, 0.3935



25.0711, 0.2356, 0.3486

Complementary

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



25.0711, 0.2789, 0.2433



44.0317, 0.3393, 0.4115

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.



25.0711, 0.2814, 0.4051



25.0711, 0.2789, 0.2433



25.0711, 0.3911, 0.4271

Square

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



25.0711, 0.2789, 0.2433



25.0711, 0.4262, 0.3493



25.0711, 0.3383, 0.4347



25.0711, 0.2111, 0.2917

Rectangle

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



25.0711, 0.2789, 0.2433



25.0711, 0.3763, 0.2911



25.0711, 0.3383, 0.4347



25.0711, 0.2488, 0.3688

Sweetspot

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



25.0721, 0.2789, 0.2433



72.6990, 0.3044, 0.3063



34.4780, 0.2646, 0.2968



15.2209, 0.3029, 0.3025



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



25.0721, 0.2789, 0.2433



37.7273, 0.2690, 0.2210



28.0654, 0.3081, 0.2503



8.8808, 0.3042, 0.3058



3.3122, 0.1824, 0.0778



0.1527, 0.2133, 0.0949

Inverse Universe

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



28.1440, 0.3399, 0.2796



44.2634, 0.3484, 0.2679



41.3694, 0.3147, 0.4182



9.1035, 0.3194, 0.3149



7.8795, 0.4434, 0.2216



0.2894, 0.4041, 0.2000

Previews

White Background



This preview shows how the Yxy color 25.0711, 0.2789, 0.2433 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 25.0711, 0.2789, 0.2433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

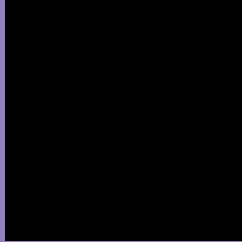
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0711, 0.2789, 0.2433

Background



This preview shows how black text looks on a background with the Yxy color 25.0711, 0.2789, 0.2433.



This preview shows how white text looks on a background with the Yxy color 25.0711, 0.2789, 0.2433.

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

25.0711, 0.2789, 0.2433

Protanopia

25.0826, 0.2490, 0.2420

Deuteranopia

25.1068, 0.2591, 0.2534



Tritanopia

25.1231, 0.3102, 0.3126

Trichromacy



Original Color

25.0711, 0.2789, 0.2433

Protanomaly

25.0019, 0.2593, 0.2419

Deuteranomaly

25.0316, 0.2659, 0.2490

Tritanomaly

25.0603, 0.2984, 0.2846

Monochromacy



Original Color

25.0711, 0.2789, 0.2433

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5679, 0.3002, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0711, 0.2789, 0.2433 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(149, 127, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 127, 185)  
}
```

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(149, 127, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 127, 185) }
```

Border

The CSS property to change the border of an element to Yxy 25.0711, 0.2789, 0.2433 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(149, 127, 185) }
```

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

```
.border{ border-color:rgb(149, 127, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 127, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 127, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 127, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 127,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0711, 0.2789, 0.2433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 127, 185) }
```

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

```
.background{ background-color: rgb(149,  
127, 185) }
```

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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