

Converting Colors

$Y_{xy}(25.9547, 0.2583, 0.2110)$

Have a look what the booklet for
Yxy(25.9547, 0.2583, 0.2110)
contains.

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Color

Yxy(25.8544, 0.2586, 0.2111)

Conversions

Conversions Part 1

Format	Color
Hex	967DD3
RGB	150, 125, 211
RGB Percent	59%, 49%, 83%
CMY	0.4117, 0.5098, 0.1726
CMYK	0.29, 0.41, 0.00, 0.17
HSL	257°, 49%, 66%
HSV	257°, 41%, 83%
XYZ	31.6719, 25.8544, 64.9483
YIQ	142.2790, -12.7060, 32.0460

Conversions

Conversions Part 2

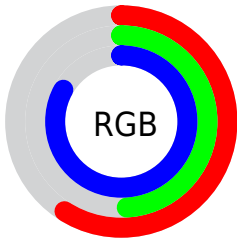
Format	Color
RYB	150, 125, 211
Decimal	9862611
CIELab	57.90, 28.11, -40.95
CIELCh	58, 49.669, 304.474
Yxy	25.8544, 0.2586, 0.2111
Android (android.graphics.Color)	4288052691 (0xFF967DD3)
YUV	142.2790, 33.8795, 6.7713
Hunter-Lab	50.8472, 22.2022, -40.1394

Details

The Yxy color **25.8544, 0.2586, 0.2111** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **58.5042, 0.3527, 0.4368**, and the grayscale version is **27.0349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1826, 0.2788, 0.2448**, and **10.0560, 0.2388, 0.1791** is the 20% darker color. If you saturate the color by 10%, you get **19.7389, 0.2417, 0.1787**, and if you desaturate by 10%, it is **33.2877, 0.2743, 0.2431**.

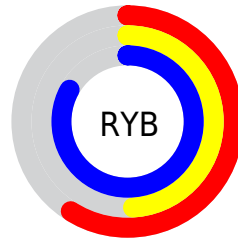
Distribution



Red (59%)

Green (49%)

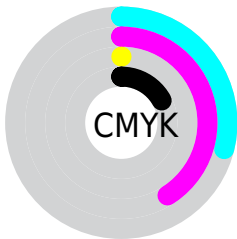
Blue (83%)



Red (59%)

Yellow (49%)

Blue (83%)

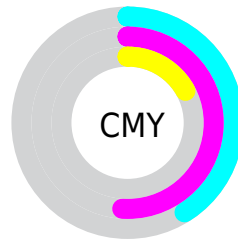


Cyan (29%)

Magenta (41%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (51%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8544, 0.2586, 0.2111 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 25.8544, 0.2586, 0.2111 by changing the saturation by 10% instead.

■ 25.8544, 0.2586,
0.2111

■ 25.8544, 0.2586,
0.2111

■ 282.0666, 0.2886,
0.2701

■ 16.7147, 0.2503,
0.1968

■ 53.0400, 0.2701,
0.2323

■ 10.0313, 0.2393,
0.1788

■ 71.8547, 0.2743,
0.2404

■ 5.4197, 0.2242,
0.1557

■ 94.6632, 0.2777,
0.2472

■ 2.4956, 0.2023,
0.1255

■ 121.8499, 0.2806,
0.2531

■ 0.8744, 0.1692,
0.0863

■ 153.7992, 0.2830,
0.2582

■ 0.0000, 0.1111,
0.0000

■ 190.8955, 0.2851,

■ 0.0000, 0.0000,

0.2626

0.0000

233.5232, 0.2870,
0.2666

■ 25.8544, 0.2586,
0.2111

■ 25.8544, 0.2586,
0.2111

■ 19.7389, 0.2417,
0.1787

■ 33.2877, 0.2743,
0.2431

■ 14.8589, 0.2243,
0.1475

■ 42.1085, 0.2886,
0.2735

■ 11.1274, 0.2072,
0.1194

■ 52.3847, 0.3011,
0.3017

■ 8.4442, 0.1915,
0.0964

■ 64.1794, 0.3120,
0.3272

■ 6.6908, 0.1781,
0.0799

■ 77.5513, 0.3213,
0.3500

■ 5.7081, 0.1683,
0.0701

■ 92.5565, 0.3292,
0.3702

■ 97.4338, 0.3386,
0.3721

■ 97.4831, 0.3388,
0.3721

Harmonies

Analogous

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



25.8544, 0.2011, 0.2040



25.8544, 0.2586, 0.2111



25.8544, 0.3403, 0.2412

Triad

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



25.8544, 0.2586, 0.2111



25.8544, 0.4712, 0.4079



25.8544, 0.2072, 0.3618

Complementary

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



25.8544, 0.2586, 0.2111



58.5042, 0.3527, 0.4368

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.



25.8544, 0.2704, 0.4484



25.8544, 0.2586, 0.2111



25.8544, 0.4232, 0.4619

Square

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



25.8544, 0.2586, 0.2111



25.8544, 0.4741, 0.3470



25.8544, 0.3496, 0.4853



25.8544, 0.1743, 0.2771

Rectangle

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



25.8544, 0.2586, 0.2111



25.8544, 0.3980, 0.2716



25.8544, 0.3496, 0.4853



25.8544, 0.2253, 0.3931

Sweetspot

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



25.8554, 0.2586, 0.2111



78.1216, 0.2995, 0.2980



44.4472, 0.2518, 0.2952



16.2562, 0.2979, 0.2943



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



25.8554, 0.2586, 0.2111



31.3503, 0.2438, 0.1826



30.6233, 0.2989, 0.2236



11.5820, 0.3027, 0.3053



3.4908, 0.1697, 0.0708



0.2360, 0.1899, 0.0820

Inverse Universe

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



32.0587, 0.3432, 0.2555



42.3339, 0.3521, 0.2406



53.9648, 0.3198, 0.4490



11.9480, 0.3182, 0.3127



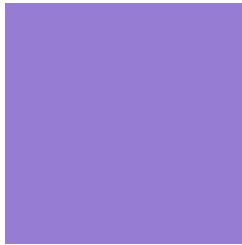
9.6974, 0.4105, 0.2035



0.5557, 0.3903, 0.1924

Previews

White Background



This preview shows how the Yxy color 25.8544, 0.2586, 0.2111 looks on a white background.

Color Contrast Check

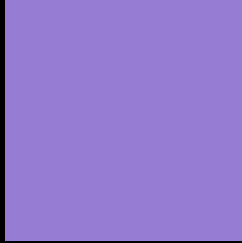
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8544, 0.2586, 0.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

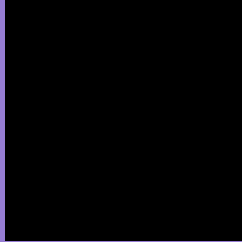
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8544, 0.2586, 0.2111

Background



This preview shows how black text looks on a background with the Yxy color 25.8544, 0.2586, 0.2111.



This preview shows how white text looks on a background with the Yxy color 25.8544, 0.2586, 0.2111.

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

25.8544, 0.2586, 0.2111

Protanopia

25.9546, 0.2219, 0.2063

Deuteranopia

25.9192, 0.2301, 0.2237



Tritanopia

25.7502, 0.3018, 0.3109

Trichromacy



Original Color

25.8544, 0.2586, 0.2111

Protanomaly

25.7232, 0.2339, 0.2079

Deuteranomaly

25.5895, 0.2390, 0.2179

Tritanomaly

25.5044, 0.2840, 0.2684

Monochromacy



Original Color

25.8544, 0.2586, 0.2111

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.4181, 0.2918, 0.2808

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8544, 0.2586, 0.2111 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(150, 125, 211)` looks like.

```
.text, #text, p{  
    color:rgb(150, 125, 211)  
}
```

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(150, 125, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 125, 211) }
```

Border

The CSS property to change the border of an element to Yxy 25.8544, 0.2586, 0.2111 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(150, 125, 211) }
```

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

```
.border{ border-color:rgb(150, 125, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 125, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 125, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 125, 211);  
box-shadow:4px 4px 4px 4px rgb(150, 125,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8544, 0.2586, 0.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 125, 211) }
```

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

```
.background{ background-color: rgb(150,  
125, 211) }
```

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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