

Converting Colors

$Y_{xy}(25.9327, 0.2252, 0.1625)$

Have a look what the booklet for
Yxy(25.9327, 0.2252, 0.1625)
contains.

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Color

Yxy(25.8719, 0.2252, 0.1622)

Conversions

Conversions Part 1

Format	Color
Hex	9075FF
RGB	144, 117, 255
RGB Percent	56%, 46%, 100%
CMY	0.4351, 0.5413, 0.0000
CMYK	0.44, 0.54, 0.00, 0.00
HSL	252°, 100%, 73%
HSV	252°, 54%, 100%
XYZ	35.9208, 25.8719, 97.7135
YIQ	140.8050, -28.2060, 48.6420

Conversions

Conversions Part 2

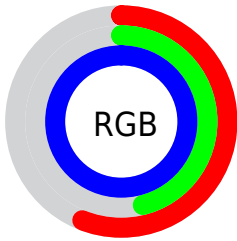
Format	Color
R_{YB}	144, 117, 255
Decimal	9467391
CIE _{Lab}	57.92, 42.90, -65.47
CIE _{LCh}	58, 78.275, 303.233
Yxy	25.8719, 0.2252, 0.1622
Android (android.graphics.Color)	4287657471 (0xFF9075FF)
YUV	140.8050, 56.2981, 2.8020
Hunter-Lab	50.8644, 37.0451, -78.2944

Details

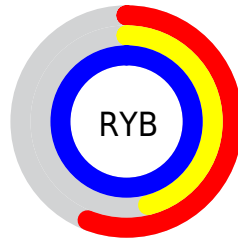
The Yxy color **25.8719, 0.2252, 0.1622** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **89.2846, 0.3723, 0.4686**, and the grayscale version is **26.3419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.6660, 0.2760, 0.2354**, and **10.0503, 0.1981, 0.1260** is the 20% darker color. If you saturate the color by 10%, you get **19.0369, 0.2063, 0.1306**, and if you desaturate by 10%, it is **34.6607, 0.2443, 0.1959**.

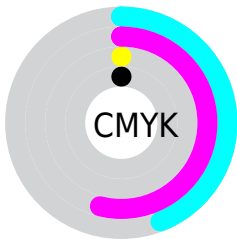
Distribution



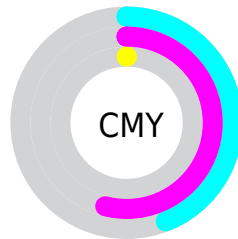
- Red (56%)
- Green (46%)
- Blue (100%)



- Red (56%)
- Yellow (46%)
- Blue (100%)



- Cyan (44%)
- Magenta (54%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (54%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8719, 0.2252, 0.1622 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 25.8719, 0.2252, 0.1622 by changing the saturation by 10% instead.

 25.8719, 0.2252,
0.1622


 25.8719, 0.2252,
0.1622


282.1527, 0.2721,
0.2399

 16.7278, 0.2133,
0.1454


 53.0682, 0.2425,
0.1886

 10.0406, 0.1982,
0.1255


 71.8893, 0.2490,
0.1991

 5.4259, 0.1787,
0.1019


 94.7047, 0.2544,
0.2082

 2.4993, 0.1532,
0.0745

121.8991, 0.2590,
0.2162

 0.8763, 0.1196,
0.0443

153.8566, 0.2630,
0.2232

 0.0000, 0.0783,
0.0000

190.9618, 0.2664,

 0.0000, 0.0000,

0.2294

0.0000

233.5990, 0.2694,
0.2349

■ 25.8719, 0.2252,
0.1622

■ 25.8719, 0.2252,
0.1622

■ 19.0369, 0.2063,
0.1306

■ 34.6607, 0.2443,
0.1959

■ 14.0014, 0.1888,
0.1033

■ 45.5384, 0.2626,
0.2297

■ 10.5895, 0.1741,
0.0825

■ 58.6295, 0.2795,
0.2620

■ 8.5875, 0.1630,
0.0693

■ 74.0483, 0.2946,
0.2918

■ 7.8989, 0.1583,
0.0645

■ 91.9012, 0.3078,
0.3188

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



25.8719, 0.1510, 0.1524



25.8719, 0.2252, 0.1622



25.8719, 0.3454, 0.2005

Triad

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



25.8719, 0.2252, 0.1622



25.8719, 0.5420, 0.4162



25.8719, 0.1563, 0.3825

Complementary

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



25.8719, 0.2252, 0.1622



89.2846, 0.3723, 0.4686

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.



25.8719, 0.2425, 0.5364



25.8719, 0.2252, 0.1622



25.8719, 0.4616, 0.5065

Square

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



25.8719, 0.2252, 0.1622



25.8719, 0.5582, 0.3352



25.8719, 0.3538, 0.5744



25.8719, 0.1169, 0.2453

Rectangle

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



25.8719, 0.2252, 0.1622



25.8719, 0.4385, 0.2397



25.8719, 0.3538, 0.5744



25.8719, 0.1802, 0.4386

Sweetspot

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



25.8723, 0.2252, 0.1622



70.9765, 0.2919, 0.2864



67.4251, 0.2373, 0.2986



14.4906, 0.2889, 0.2804



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.



25.8723, 0.2252, 0.1622



18.5273, 0.2047, 0.1280



33.8299, 0.2797, 0.1842



17.5493, 0.3009, 0.3046



4.1757, 0.1594, 0.0652



0.4492, 0.1691, 0.0705

Inverse Universe

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



39.5746, 0.3443, 0.2212



33.7461, 0.3526, 0.2049



80.3483, 0.3279, 0.4915



18.2357, 0.3168, 0.3101



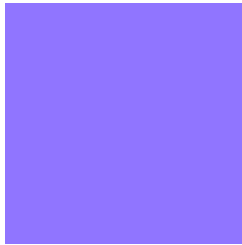
13.4328, 0.3779, 0.1855



1.3228, 0.3702, 0.1813

Previews

White Background



This preview shows how the Yxy color 25.8719, 0.2252, 0.1622 looks on a white background.

Color Contrast Check

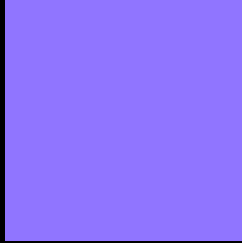
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8719, 0.2252, 0.1622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

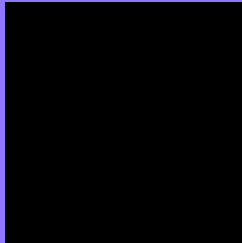
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8719, 0.2252, 0.1622

Background



This preview shows how black text looks on a background with the Yxy color 25.8719, 0.2252, 0.1622.



This preview shows how white text looks on a background with the Yxy color 25.8719, 0.2252, 0.1622.

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

25.8719, 0.2252, 0.1622

Protanopia

26.1257, 0.1934, 0.1697

Deuteranopia

26.0715, 0.1844, 0.1782



Tritanopia

25.9000, 0.2786, 0.3101

Trichromacy



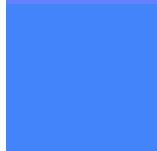
Original Color

25.8719, 0.2252, 0.1622



Protanomaly

25.4250, 0.2016, 0.1646



Deuteranomaly

24.6609, 0.1901, 0.1675



Tritanomaly

25.4010, 0.2555, 0.2419

Monochromacy



Original Color

25.8719, 0.2252, 0.1622



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.6307, 0.2752, 0.2532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8719, 0.2252, 0.1622 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(144, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(144, 117, 255)  
}
```

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(144, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 117, 255) }
```

Border

The CSS property to change the border of an element to Yxy 25.8719, 0.2252, 0.1622 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(144, 117, 255) }
```

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

```
.border{ border-color:rgb(144, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(144, 117,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8719, 0.2252, 0.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 117, 255) }
```

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

```
.background{ background-color: rgb(144,  
117, 255) }
```

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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