

Converting Colors

$Y_{xy}(24.5692, 0.2624, 0.2215)$

Have a look what the booklet for
Yxy(24.5692, 0.2624, 0.2215)
contains.

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Color

Yxy(24.4681, 0.2621, 0.2210)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 907CC7 |
| RGB | 144, 124, 199 |
| RGB Percent | 56%, 49%, 78% |
| CMY | 0.4353, 0.5137, 0.2196 |
| CMYK | 0.28, 0.38, 0.00, 0.22 |
| HSL | 256°, 40%, 63% |
| HSV | 256°, 38%, 78% |
| XYZ | 29.0185, 24.4681, 57.2288 |
| YIQ | 138.5300, -12.1550, 27.5650 |

Conversions

Conversions Part 2

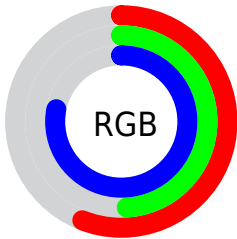
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 144, 124, 199 |
| Decimal | 9469127 |
| CIE _{Lab} | 56.55, 23.95, -36.31 |
| CIE _{LCh} | 57, 43.498, 303.405 |
| Yxy | 24.4681, 0.2621, 0.2210 |
| Android (android.graphics.Color) | 4287659207 (0xFF907CC7) |
| YUV | 138.5300, 29.8117, 4.7972 |
| Hunter-Lab | 49.4652, 18.1518, -33.9699 |

Details

The Yxy color **24.4681, 0.2621, 0.2210** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **51.8885, 0.3514, 0.4275**, and the grayscale version is **25.5166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.8064, 0.2736, 0.2425**, and **9.3006, 0.2427, 0.1891** is the 20% darker color. If you saturate the color by 10%, you get **18.7440, 0.2451, 0.1884**, and if you desaturate by 10%, it is **31.3704, 0.2778, 0.2527**.

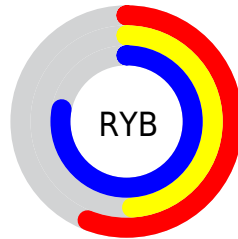
Distribution



Red (56%)

Green (49%)

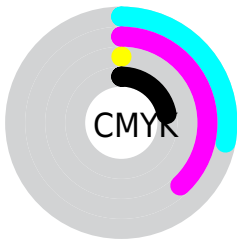
Blue (78%)



Red (56%)

Yellow (49%)

Blue (78%)

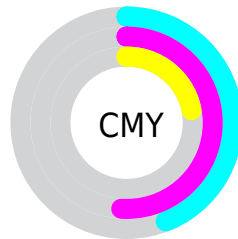


Cyan (28%)

Magenta (38%)

Yellow (0%)

Black (22%)



Cyan (44%)


Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.4681, 0.2621, 0.2210 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 24.4681, 0.2621, 0.2210 by changing the saturation by 10% instead.


 24.4681, 0.2621,
0.2210


 24.4681, 0.2621,
0.2210


275.1786, 0.2904,
0.2762


 15.6812, 0.2542,
0.2072


 50.7930, 0.2730,
0.2412

 9.2989, 0.2435,
0.1895


 69.0998, 0.2770,
0.2487

 4.9366, 0.2285,
0.1664


 91.3487, 0.2802,
0.2551

 2.2101, 0.2064,
0.1353

117.9241, 0.2829,
0.2606

 0.7255, 0.1720,
0.0922

149.2104, 0.2852,
0.2653

 0.0000, 0.0773,
0.0000

185.5920, 0.2872,

 0.0000, 0.0000,

0.2694

0.0000

227.4532, 0.2889,
0.2730

■ 24.4681, 0.2621,
0.2210

■ 24.4681, 0.2621,
0.2210

■ 18.7440, 0.2451,
0.1884

■ 31.3704, 0.2778,
0.2527

■ 14.1280, 0.2274,
0.1564

■ 39.5100, 0.2919,
0.2825

■ 10.5465, 0.2098,
0.1269


■ 48.9455, 0.3043,
0.3098

■ 7.9159, 0.1934,
0.1019


■ 59.7306, 0.3151,
0.3344

■ 6.1387, 0.1792,
0.0831

■ 71.9162, 0.3242,
0.3563

 5.0771, 0.1681,
0.0710

 85.5504, 0.3321,
0.3757

 4.8825, 0.1659,
0.0687

 95.2652, 0.3401,
0.3851

 96.9038, 0.3460,
0.3840

Harmonies

Analogous

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



24.4681, 0.2101, 0.2157



24.4681, 0.2621, 0.2210



24.4681, 0.3351, 0.2480

Triad

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



24.4681, 0.2621, 0.2210



24.4681, 0.4565, 0.4007



24.4681, 0.2196, 0.3617

Complementary

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



24.4681, 0.2621, 0.2210



51.8885, 0.3514, 0.4275

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.



24.4681, 0.2782, 0.4360



24.4681, 0.2621, 0.2210



24.4681, 0.4157, 0.4484

Square

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



24.4681, 0.2621, 0.2210



24.4681, 0.4561, 0.3452



24.4681, 0.3501, 0.4678



24.4681, 0.1876, 0.2859

Rectangle

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



24.4681, 0.2621, 0.2210



24.4681, 0.3865, 0.2758



24.4681, 0.3501, 0.4678



24.4681, 0.2366, 0.3888

Sweetspot

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



24.4691, 0.2621, 0.2210



79.6961, 0.3002, 0.3007



40.6508, 0.2565, 0.3001



16.5662, 0.2985, 0.2969



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.



24.4691, 0.2621, 0.2210



34.6905, 0.2486, 0.1950



28.4243, 0.2990, 0.2316



10.4220, 0.3023, 0.3054



3.1764, 0.1670, 0.0694



0.1870, 0.1901, 0.0821

Inverse Universe

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



29.8133, 0.3381, 0.2591



45.4928, 0.3452, 0.2448



48.0113, 0.3205, 0.4379



10.7665, 0.3178, 0.3122



9.1559, 0.4014, 0.1985



0.4451, 0.3810, 0.1873

Previews

White Background



This preview shows how the Yxy color 24.4681, 0.2621, 0.2210 looks on a white background.

Color Contrast Check

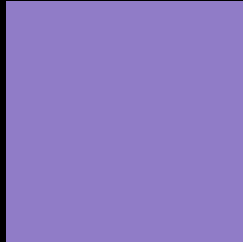
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4681, 0.2621, 0.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

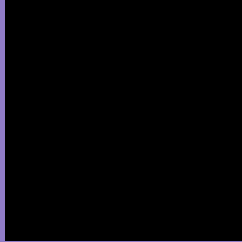
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4681, 0.2621, 0.2210

Background



This preview shows how black text looks on a background with the Yxy color 24.4681, 0.2621, 0.2210.



This preview shows how white text looks on a background with the Yxy color 24.4681, 0.2621, 0.2210.

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

24.4681, 0.2621, 0.2210

Protanopia

24.5950, 0.2306, 0.2175

Deuteranopia

24.7387, 0.2380, 0.2327



Tritanopia

24.4716, 0.3005, 0.3105

Trichromacy



Original Color

24.4681, 0.2621, 0.2210

Protanomaly

24.4625, 0.2407, 0.2188

Deuteranomaly

24.5208, 0.2457, 0.2275

Tritanomaly

24.3525, 0.2862, 0.2745

Monochromacy



Original Color

24.4681, 0.2621, 0.2210

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2861, 0.2933, 0.2858

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4681, 0.2621, 0.2210 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, 124, 199)` looks like.

```
.text, #text, p{  
    color:rgb(144, 124, 199)  
}
```

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, 124, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 124, 199) }
```

Border

The CSS property to change the border of an element to Yxy 24.4681, 0.2621, 0.2210 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, 124, 199) }
```

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

```
.border{ border-color:rgb(144, 124, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 124, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 124, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 124, 199);  
box-shadow:4px 4px 4px 4px rgb(144, 124,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4681, 0.2621, 0.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 124, 199) }
```

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

```
.background{ background-color: rgb(144,  
124, 199) }
```

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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